

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092419\
 Data File : BP000391.D
 Acq On : 24 Sep 2019 18:12
 Operator : JU
 Sample : K5008-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-1

Quant Time: Sep 25 01:13:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	252510	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	688171	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	387804	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	577980	20.00	ng	0.00
76) Chrysene-d12	13.99	240	710004	20.00	ng	0.00
87) Perylene-d12	15.47	264	753885	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	1605481	109.76	ng	0.00
7) Phenol-d6	6.43	99	2006803	111.93	ng	0.00
23) Nitrobenzene-d5	7.35	82	1100336	103.16	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	455362	118.38	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	1762136	81.78	ng	0.00
79) Terphenyl-d14	12.93	244	2027843	59.92	ng	0.00

Target Compounds				Qvalue		
9) Benzaldehyde	6.35	77	31460	Below Cal	#	1
10) Phenol	6.44	94	120041	5.893	ng	98
15) Benzyl Alcohol	6.95	79	26439	2.026	ng	40
18) Hexachloroethane	7.33	117	286583	41.181	ng	1
19) n-Nitroso-di-n-propylamine	7.19	70	53719	5.667	ng	48
24) Nitrobenzene	7.36	77	57290	5.171	ng	48
25) Isophorone	7.60	82	162919	7.714	ng	1
26) 2-Nitrophenol	7.70	139	29554	5.032	ng	1
27) 2,4-Dimethylphenol	7.73	122	29005	3.100	ng	1
29) 2,4-Dichlorophenol	7.92	162	25861	2.579	ng	4
31) Naphthalene	8.10	128	1982189	62.193	ng	96
35) Caprolactam	8.52	113	264250	77.473	ng	79
36) 4-Chloro-3-methylphenol	8.61	107	27463	2.698	ng	28
37) 2-Methylnaphthalene	8.80	142	3139536	144.098	ng	96
38) 1-Methylnaphthalene	8.80	142	3139536	153.829	ng	98
46) 1,1'-Biphenyl	9.26	154	473228	17.640	ng	98
48) 2-Nitroaniline	9.36	65	11971	2.095	ng	44
49) Acenaphthylene	9.70	152	109714	3.243	ng	1
50) Dimethylnaphthalate	9.55	163	252201	9.545	ng	81
51) 2,6-Dinitrotoluene	9.62	165	19771	3.403	ng	1
52) Acenaphthene	9.87	154	183857	8.613	ng	64
53) 3-Nitroaniline	9.80	138	28733	4.261	ng	30
55) Dibenzofuran	10.05	168	189704	6.286	ng	1
56) 4-Nitrophenol	9.95	139	140601	28.033	ng	65
58) Fluorene	10.39	166	442780	18.996	ng	92
62) 4-Nitroaniline	10.26	138	16133	2.432	ng	90
66) n-Nitrosodiphenylamine	10.50	169	476867	27.407	ng	56
71) Phenanthrene	11.36	178	1029111	35.531	ng	96
72) Anthracene	11.41	178	76619	2.570	ng	67
73) Carbazole	11.56	167	59277	2.208	ng	24
75) Fluoranthene	12.56	202	117482	3.777	ng	91
78) Pyrene	12.79	202	223868	4.214	ng	96
88) Benzo(b)fluoranthene	15.03	252	95284	2.119	ng	99
89) Benzo(k)fluoranthene	15.03	252	95284	2.429	ng	99

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QLast Update : Thu Sep 19 14:44:51 2019
Response via : Initial Calibration

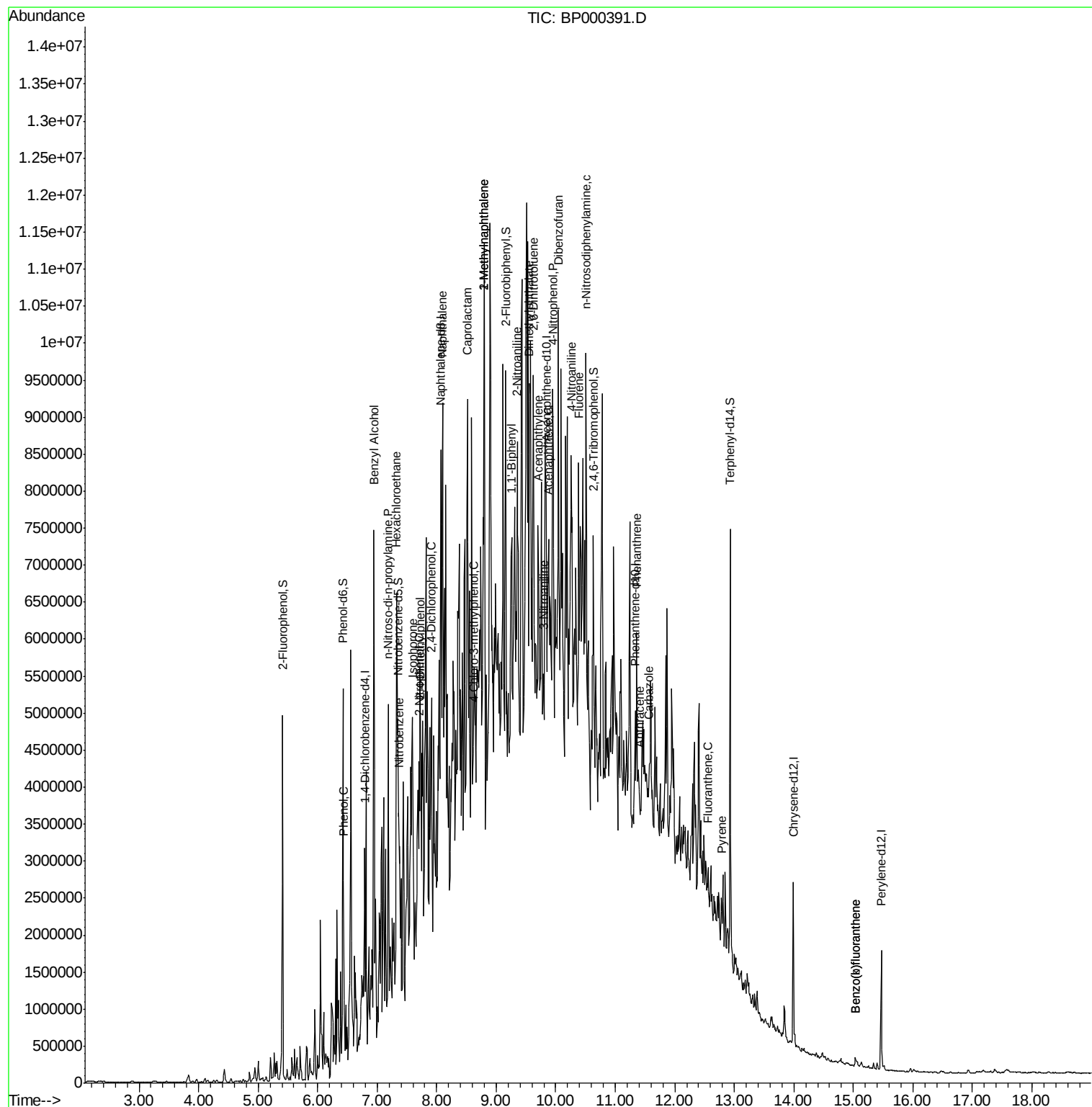
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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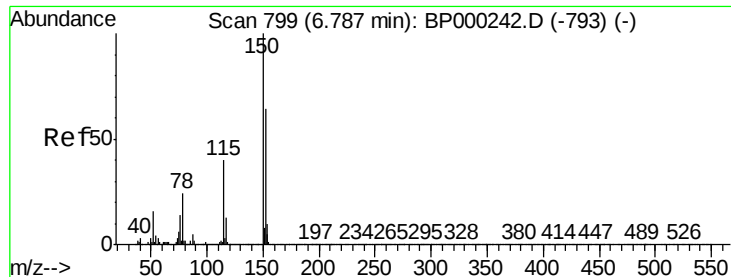
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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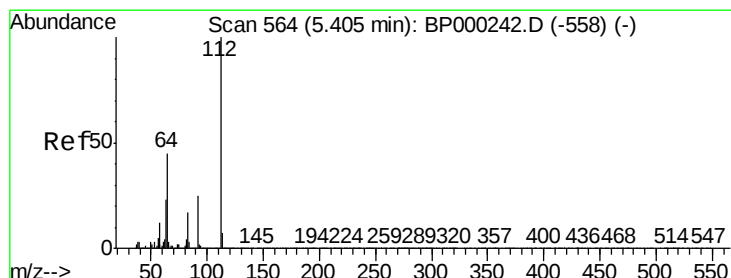
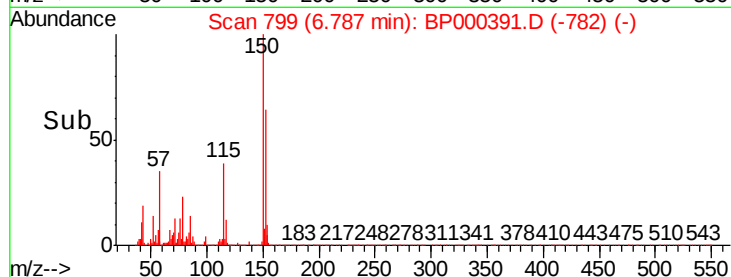
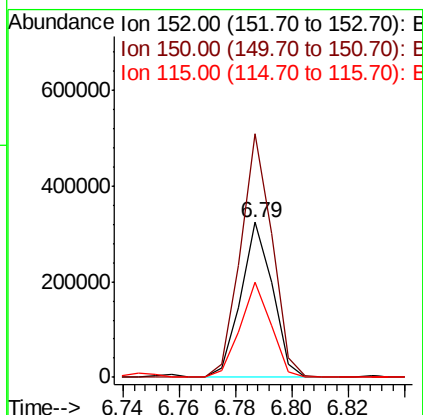
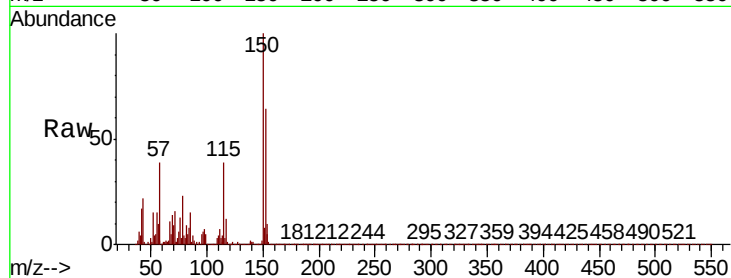


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampleId :
SB-1

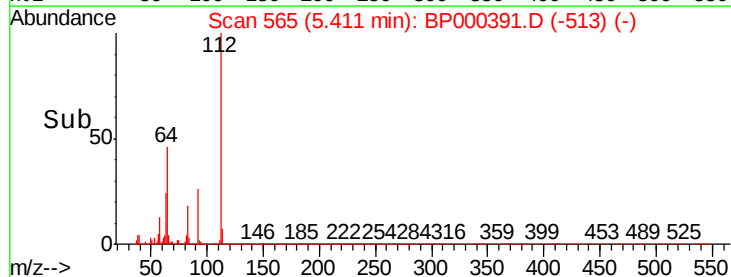
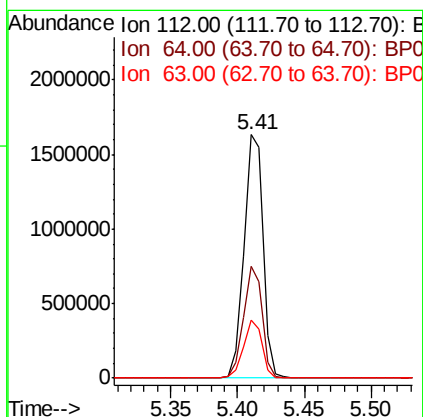
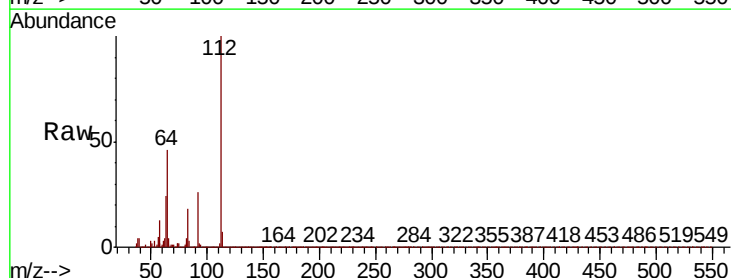
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	125.2	187.8
115	61.0	49.7	74.5

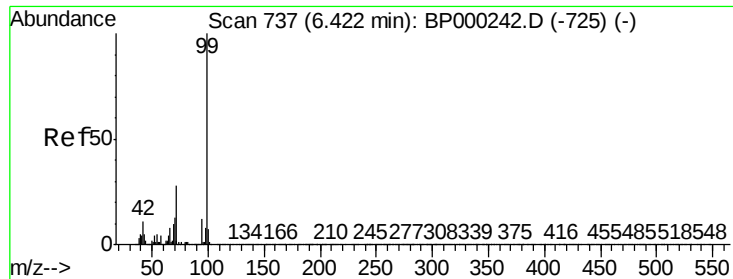


#5

2-Fluorophenol
Concen: 109.763 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.7	36.2	54.4
63	23.8	18.3	27.5





#7

Phenol-d6

Concen: 111.928 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampleId :

SB-1

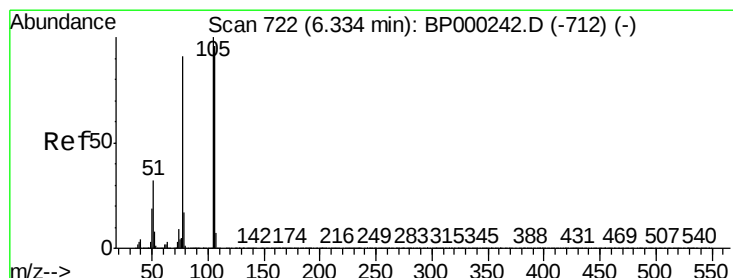
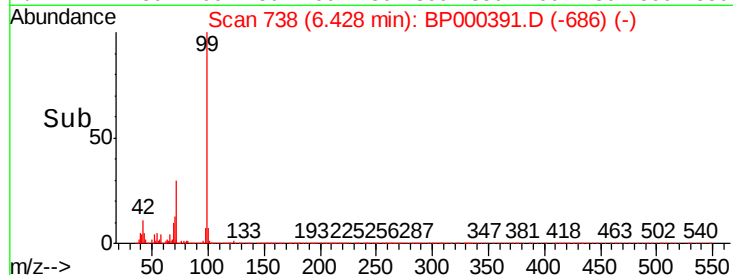
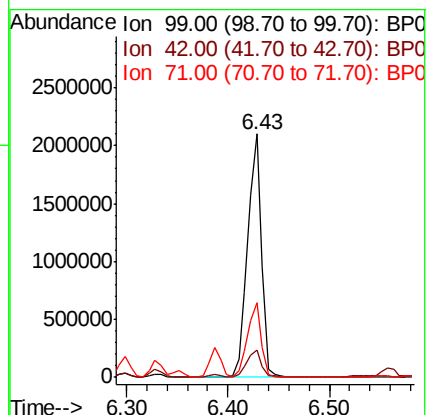
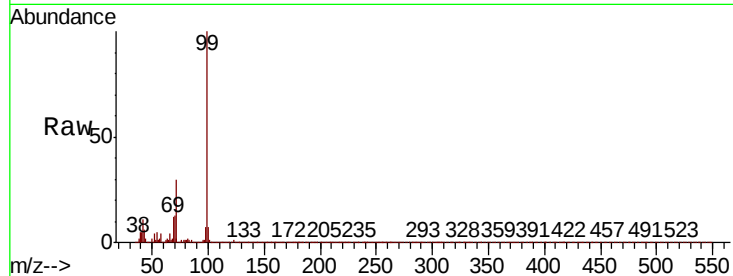
Tot Ion: 99 Resp: 2006803

Ion Ratio Lower Upper

99 100

42 11.3 8.5 12.7

71 30.4 22.6 34.0



#9

Benzaldehyde

Concen: Below Cal

RT: 6.35 min Scan# 724

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

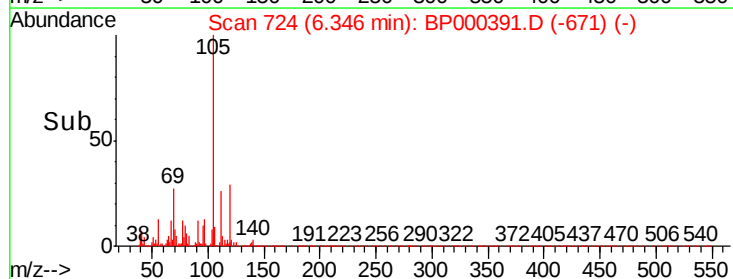
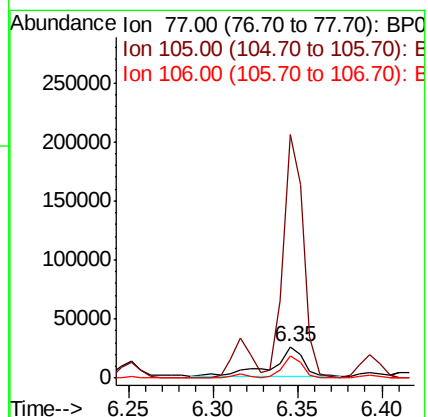
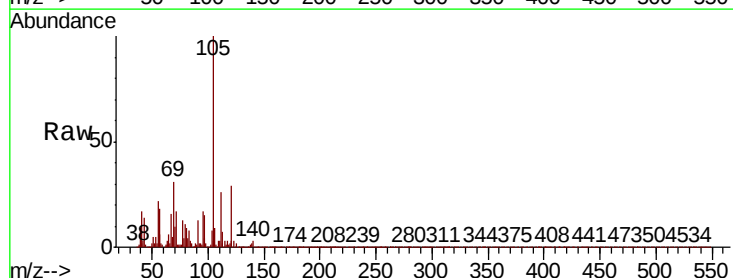
Tgt Ion: 77 Resp: 31460

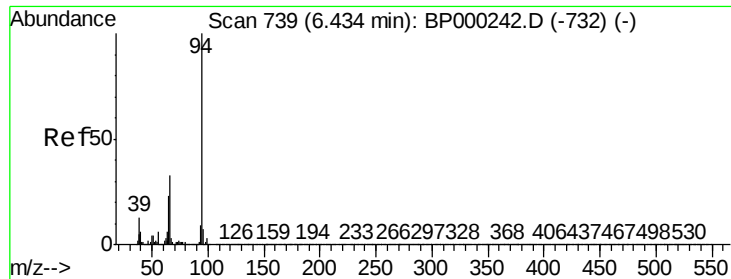
Ion Ratio Lower Upper

77 100

105 778.2 89.6 129.6#

106 69.9 84.6 124.6#





#10

Phenol

Concen: 5.893 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampled :

SB-1

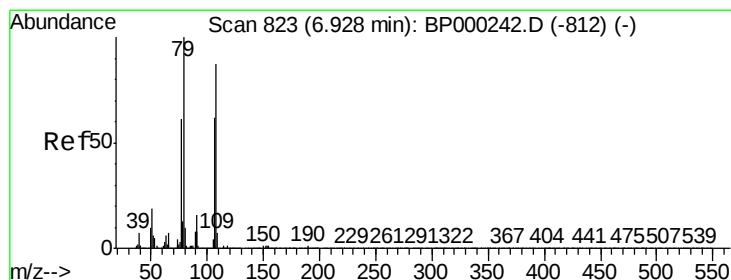
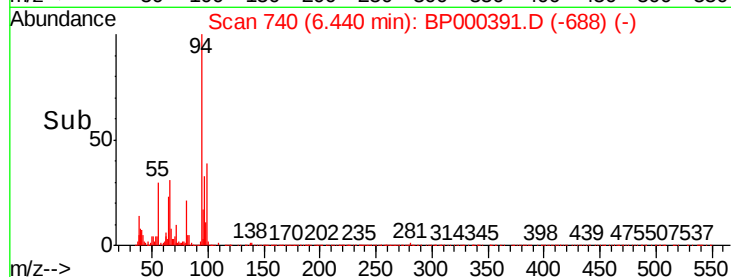
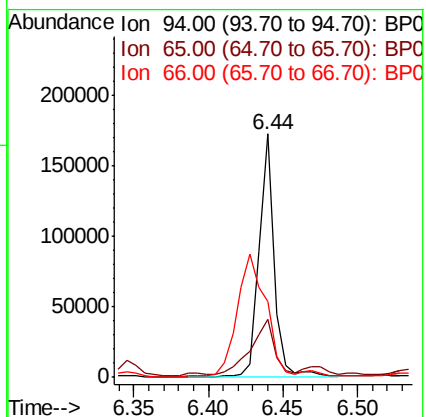
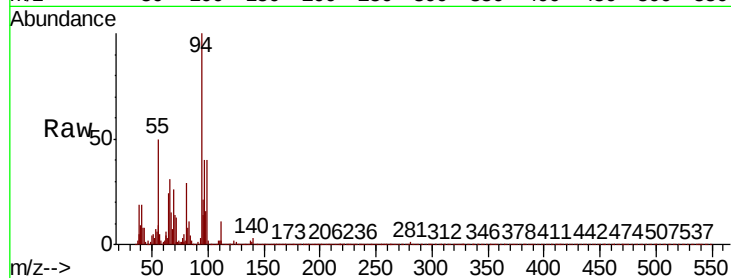
Tot Ion: 94 Resp: 120041

Ion Ratio Lower Upper

94 100

65 23.6 3.3 43.3

66 31.0 12.7 52.7



#15

Benzyl Alcohol

Concen: 2.026 ng

RT: 6.95 min Scan# 826

Delta R.T. 0.02 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

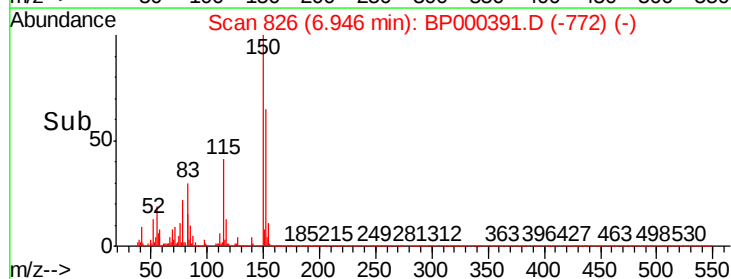
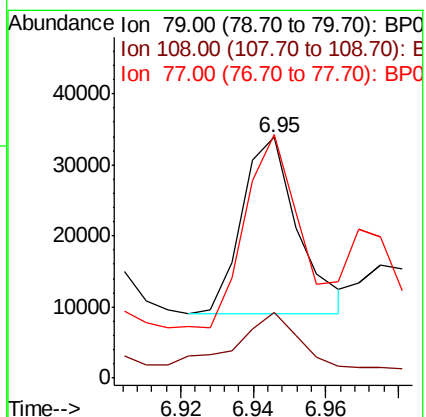
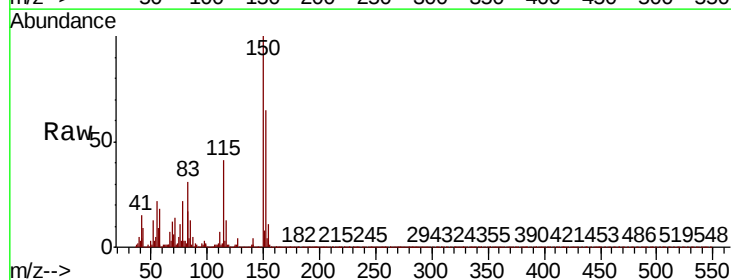
Tgt Ion: 79 Resp: 26439

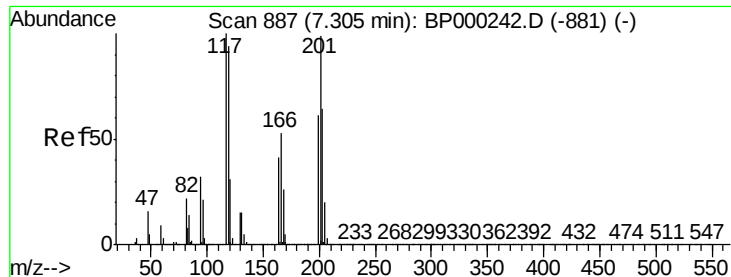
Ion Ratio Lower Upper

79 100

108 27.3 69.2 103.8#

77 101.2 48.7 73.1#

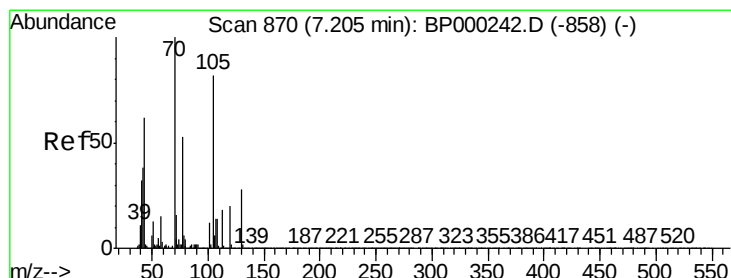
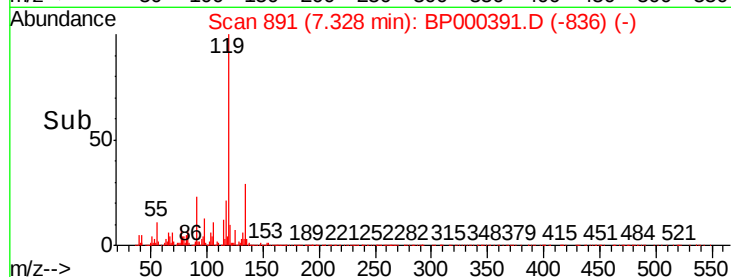
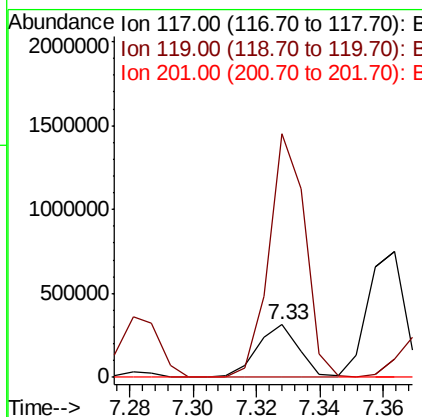
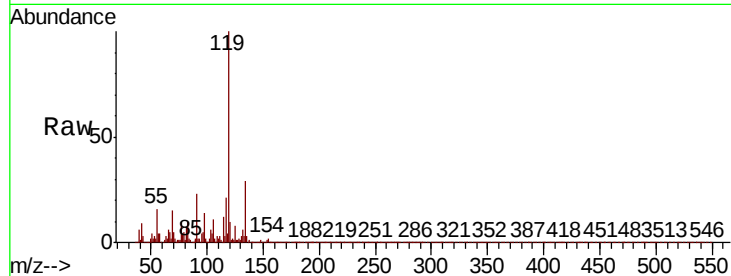




#18
Hexachloroethane
Concen: 41.181 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.02 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

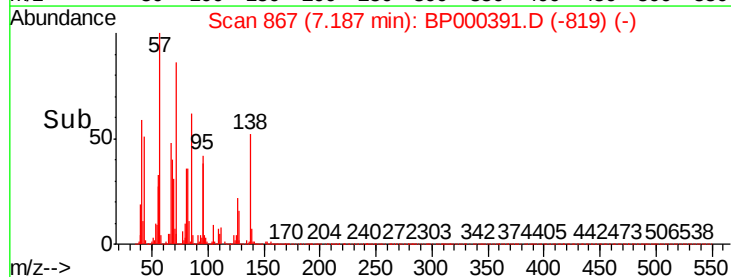
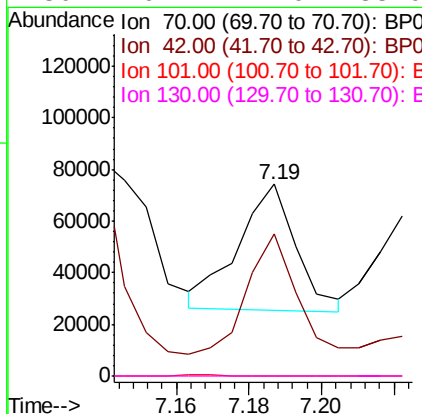
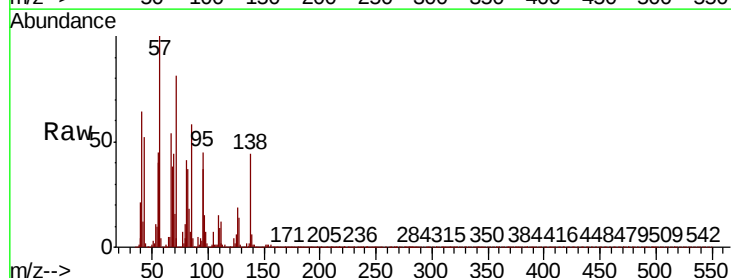
Instrument :
BNA_P
ClientSampleId :
SB-1

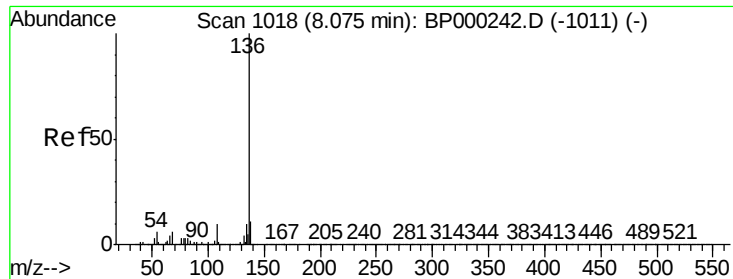
Tot Ion:117 Resp: 286583
Ion Ratio Lower Upper
117 100
119 465.7 75.6 113.4#
201 0.0 79.4 119.2#



#19
n-Nitroso-di-n-propylamine
Concen: 5.667 ng
RT: 7.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion: 70 Resp: 53719
Ion Ratio Lower Upper
70 100
42 74.3 30.7 46.1#
101 0.3 9.6 14.4#
130 0.2 22.0 33.0#

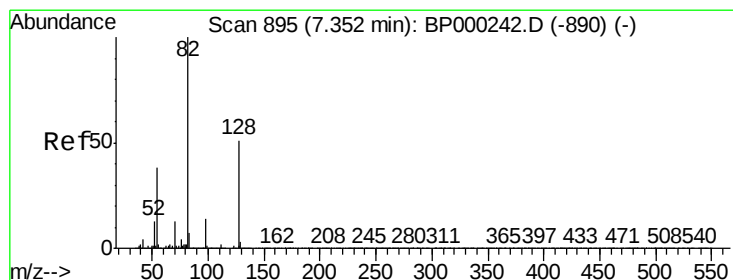
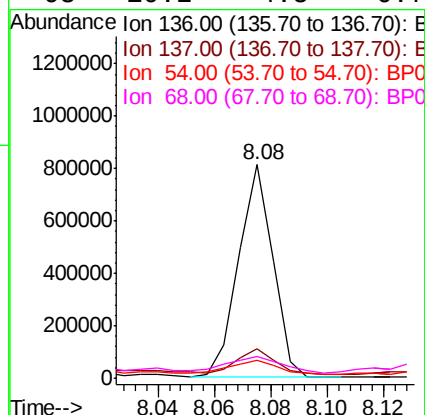
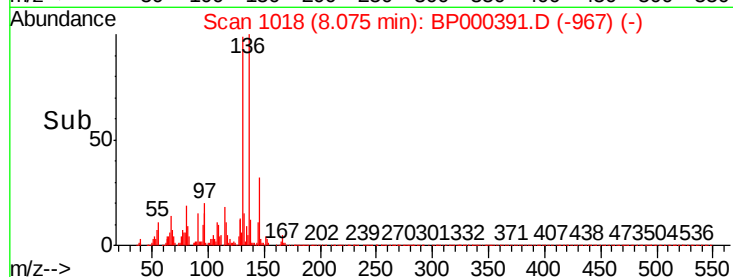
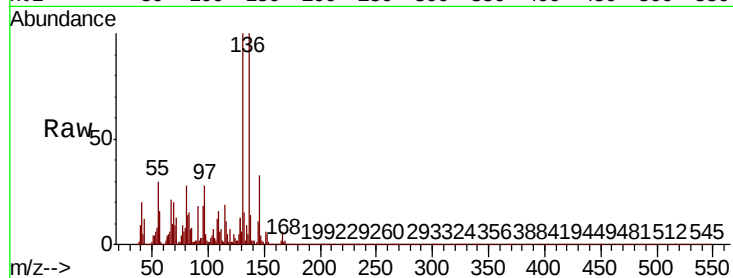




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

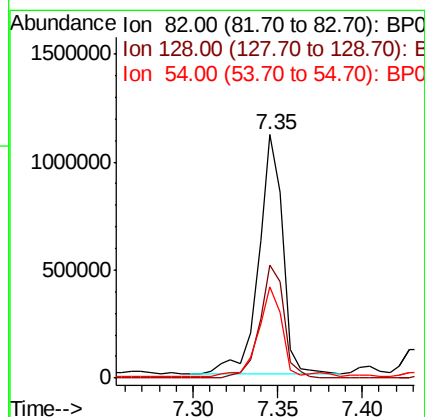
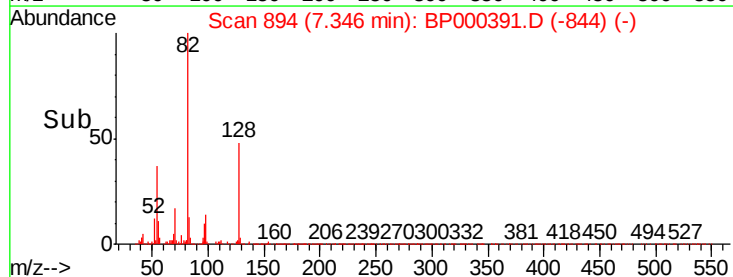
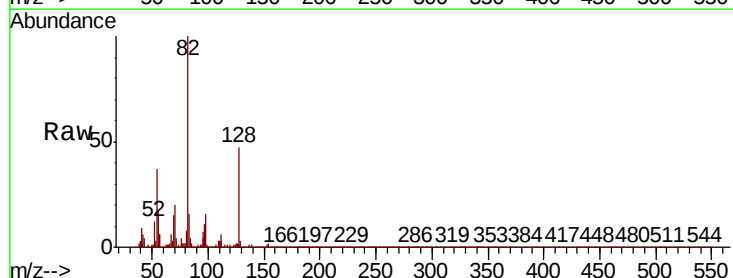
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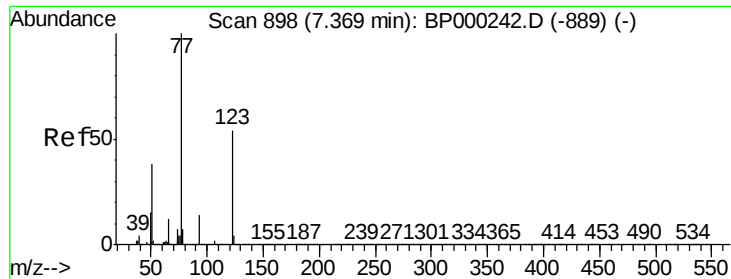
Tot Ion:136	Resp:	688171
Ion Ratio	Lower	Upper
136	100	
137	13.7	8.6 13.0#
54	8.3	4.5 6.7#
68	10.2	4.5 6.7#



#23
Nitrobenzene-d5
Concen: 103.162 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion: 82	Resp:	1100336
Ion Ratio	Lower	Upper
82	100	
128	46.6	40.7 61.1
54	37.3	30.1 45.1

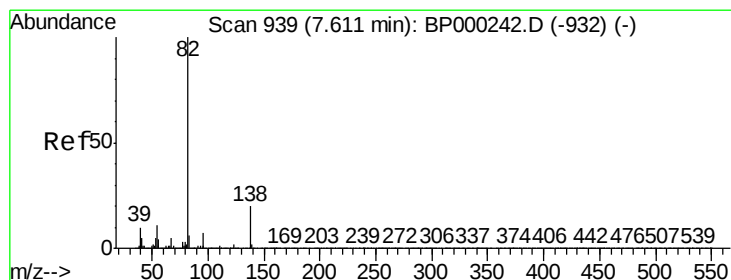
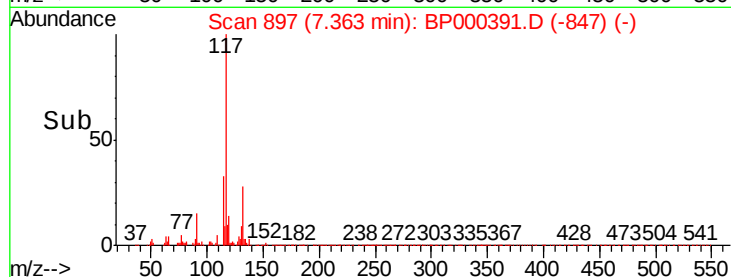
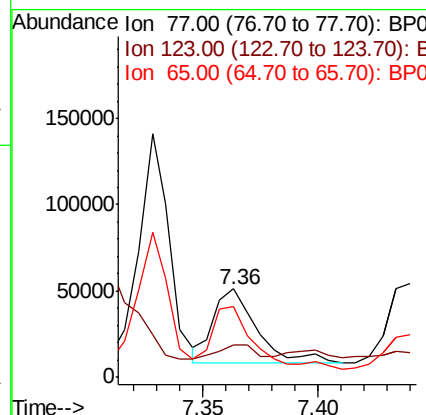
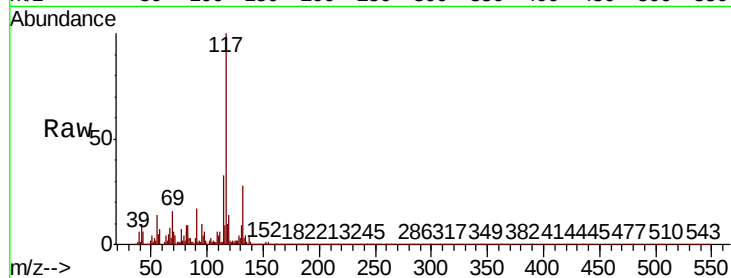




#24
Nitrobenzene
Concen: 5.171 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

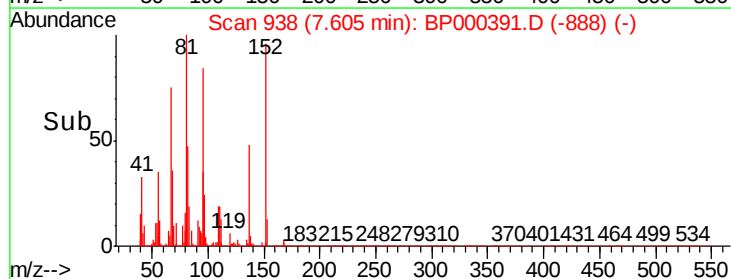
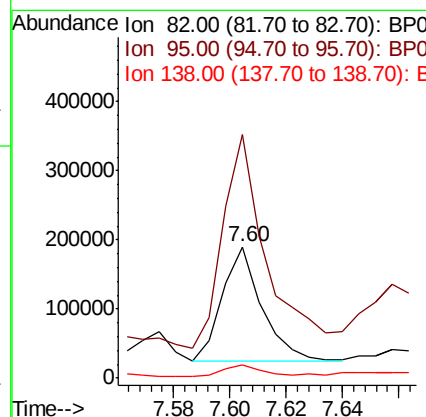
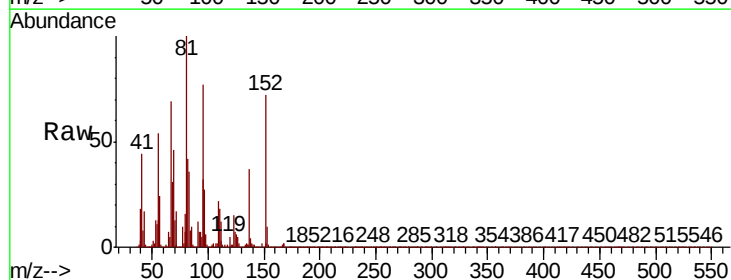
Instrument :
BNA_P
ClientSampleId :
SB-1

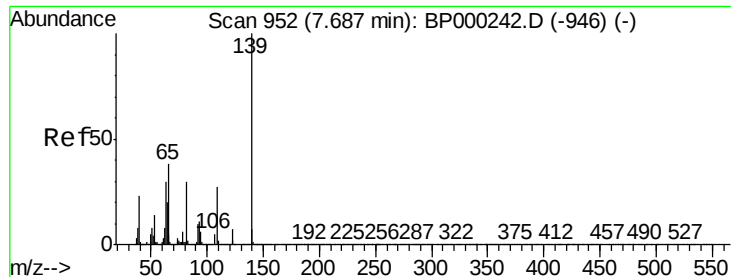
Tot Ion: 77 Resp: 57290
Ion Ratio Lower Upper
77 100
123 36.0 43.1 64.7#
65 80.4 9.4 14.2#



#25
Isophorone
Concen: 7.714 ng
RT: 7.60 min Scan# 938
Delta R.T. -0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion: 82 Resp: 162919
Ion Ratio Lower Upper
82 100
95 185.1 5.9 8.9#
138 10.5 15.9 23.9#

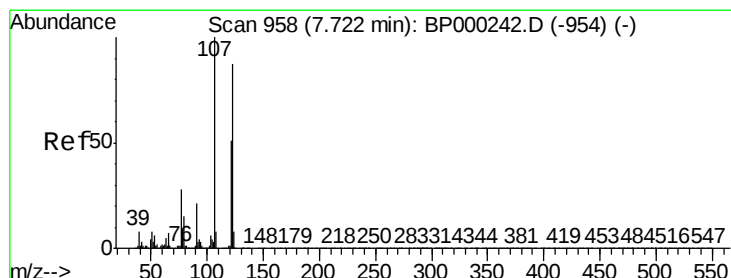
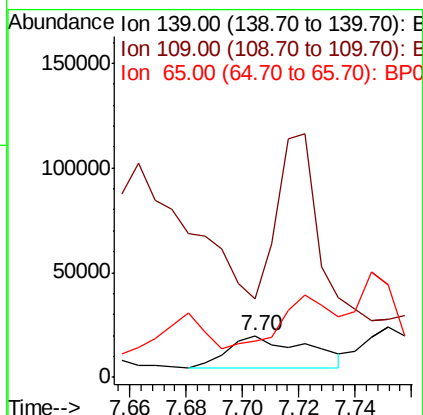
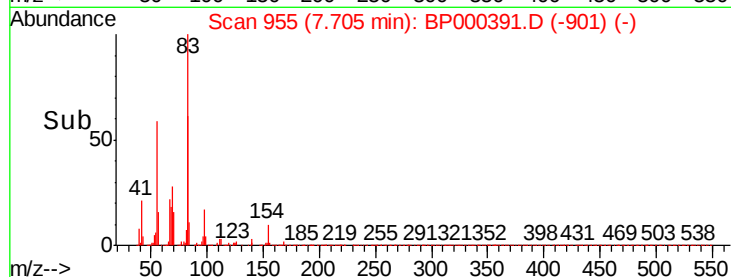
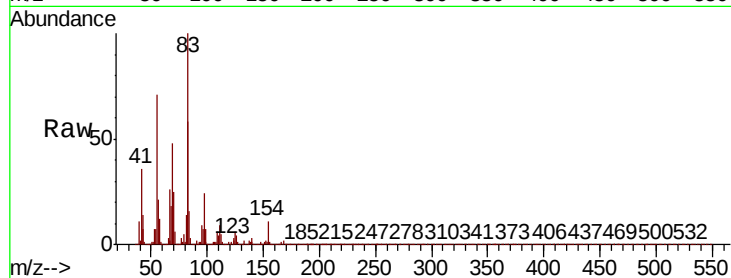




#26
2-Nitrophenol
Concen: 5.032 ng
RT: 7.70 min Scan# 955
Delta R.T. 0.02 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

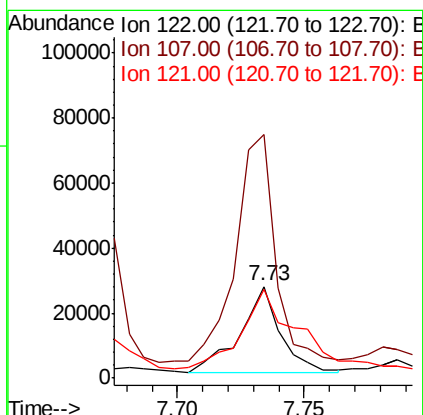
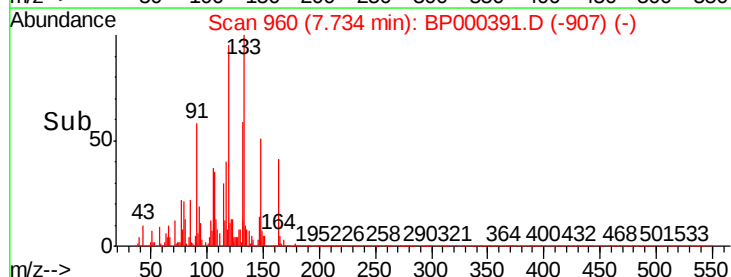
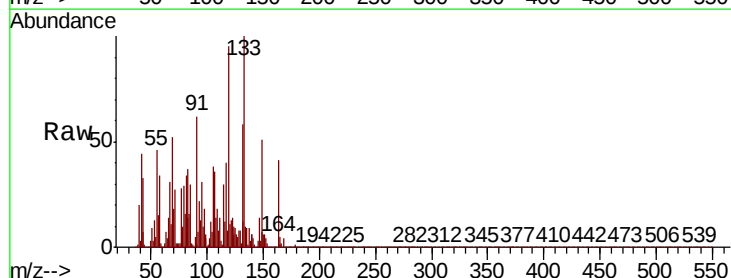
Instrument :
BNA_P
ClientSampleId :
SB-1

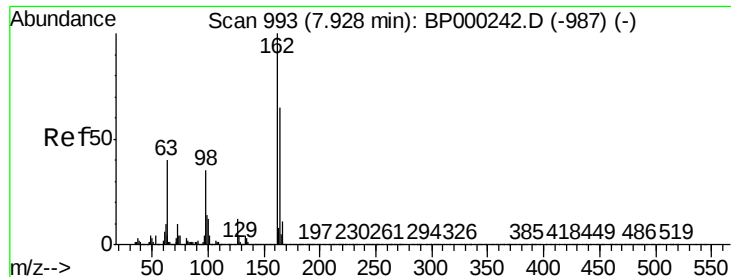
Tot Ion	Ratio	Lower	Upper
139	100		
109	187.5	21.8	32.6#
65	87.6	30.5	45.7#



#27
2,4-Dimethylphenol
Concen: 3.100 ng
RT: 7.73 min Scan# 960
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
122	100		
107	266.3	91.5	137.3#
121	97.4	46.9	70.3#

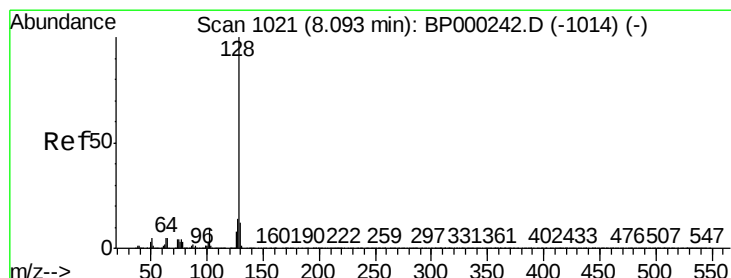
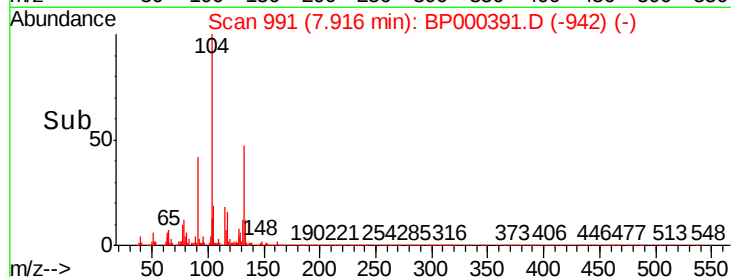
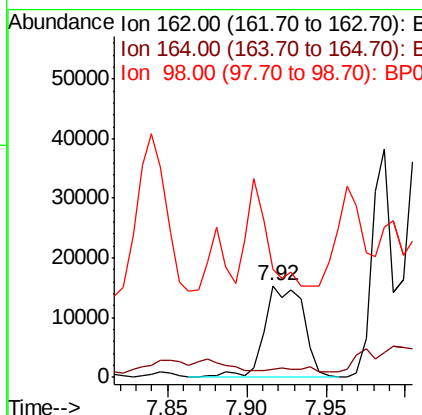
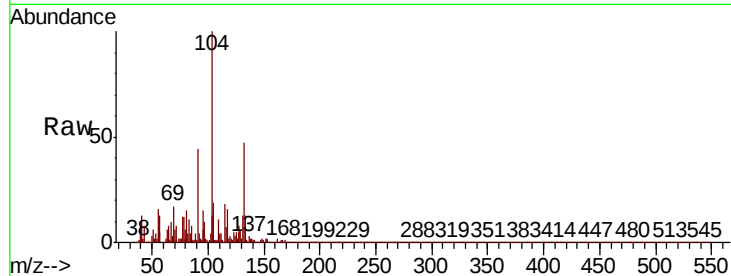




#29
2,4-Dichlorophenol
Concen: 2.579 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

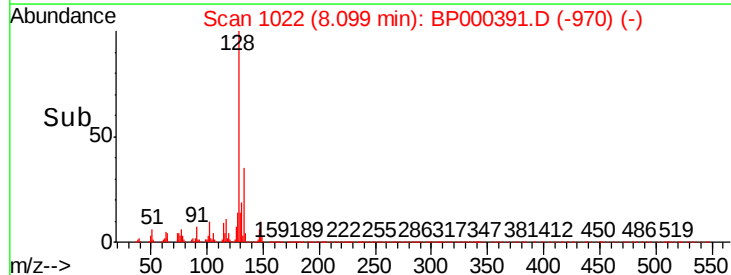
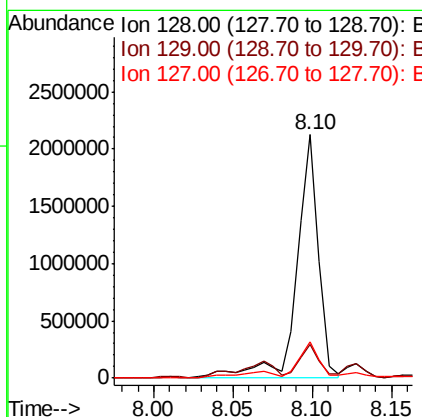
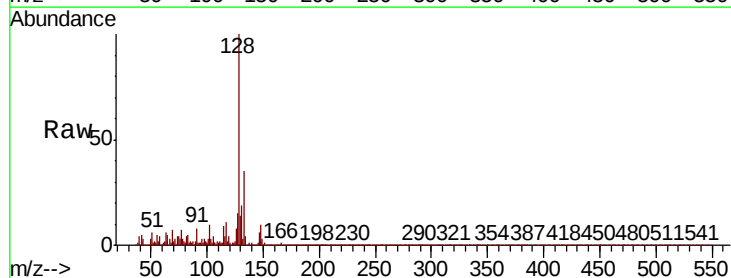
Instrument :
BNA_P
ClientSampleId :
SB-1

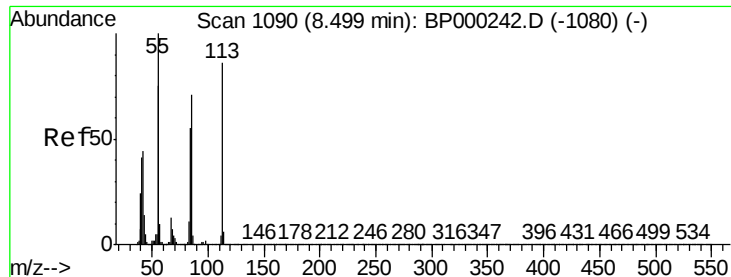
Tot Ion:162 Resp: 25861
Ion Ratio Lower Upper
162 100
164 9.1 44.5 84.5#
98 118.1 15.2 55.2#



#31
Naphthalene
Concen: 62.193 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion:128 Resp: 1982189
Ion Ratio Lower Upper
128 100
129 13.6 9.2 13.8
127 14.7 11.0 16.6

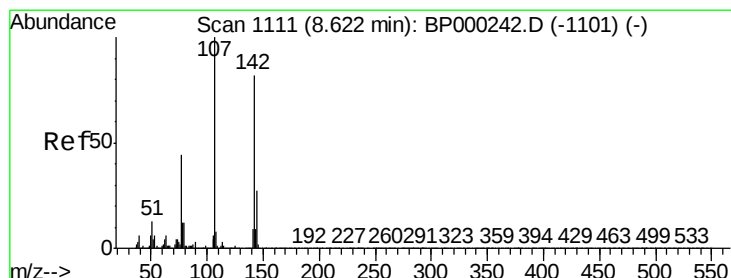
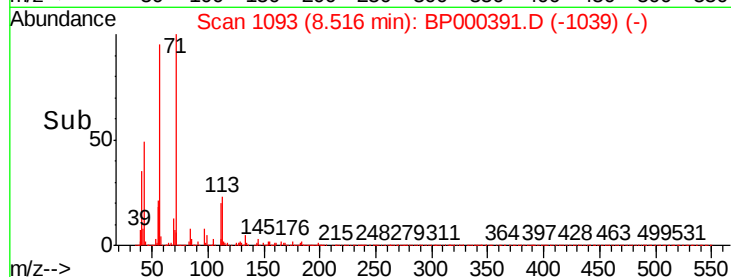
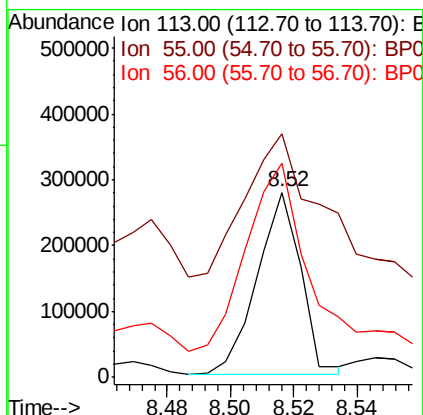
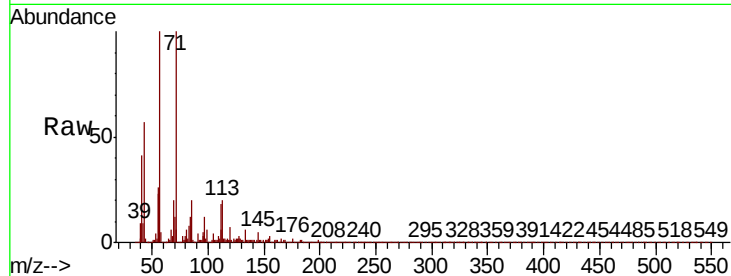




#35
Caprolactam
Concen: 77.473 ng
RT: 8.52 min Scan# 1093
Delta R.T. 0.02 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

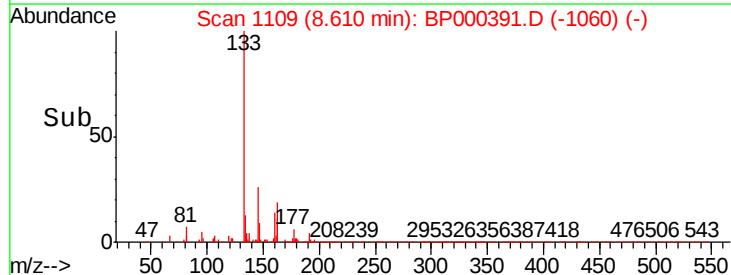
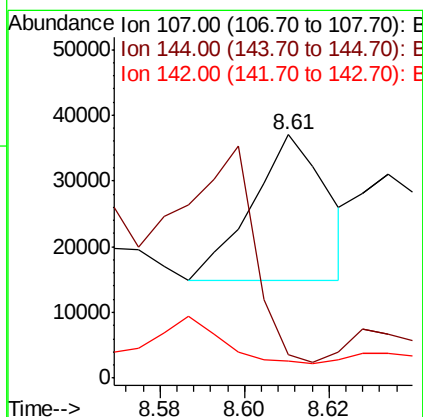
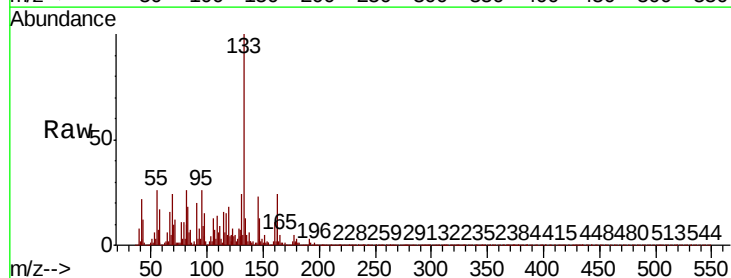
Instrument :
BNA_P
ClientSampled :
SB-1

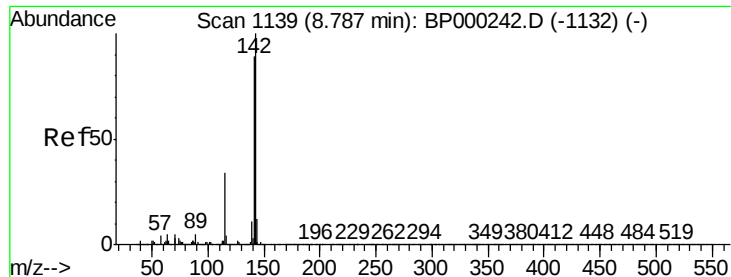
Tot Ion:113 Resp: 264250
Ion Ratio Lower Upper
113 100
55 131.7 96.8 136.8
56 116.1 67.5 107.5#



#36
4-Chloro-3-methylphenol
Concen: 2.698 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion:107 Resp: 27463
Ion Ratio Lower Upper
107 100
144 9.4 21.5 32.3#
142 6.8 65.7 98.5#





#37

2-Methylnaphthalene

Concen: 144.098 ng

RT: 8.80 min Scan# 1141

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampleId :

SB-1

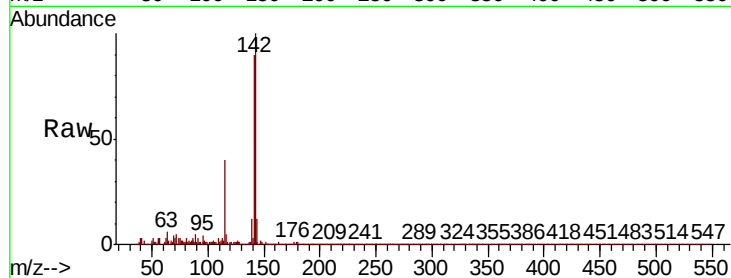
Tot Ion:142 Resp: 3139536

Ion Ratio Lower Upper

142 100

141 90.1 71.3 106.9

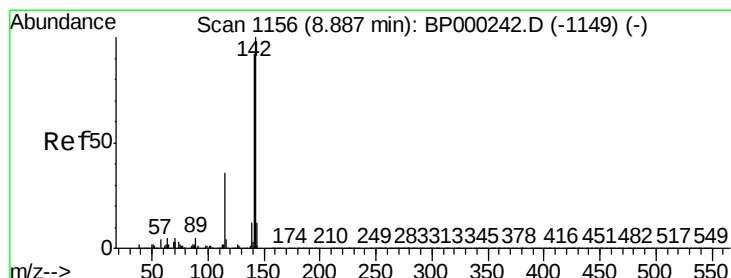
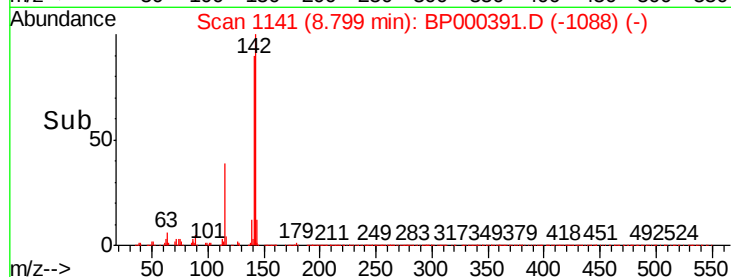
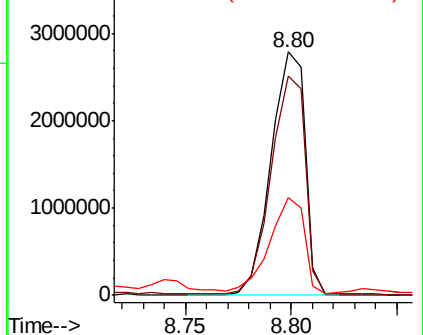
115 40.3 27.2 40.8



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 153.829 ng

RT: 8.80 min Scan# 1141

Delta R.T. -0.09 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

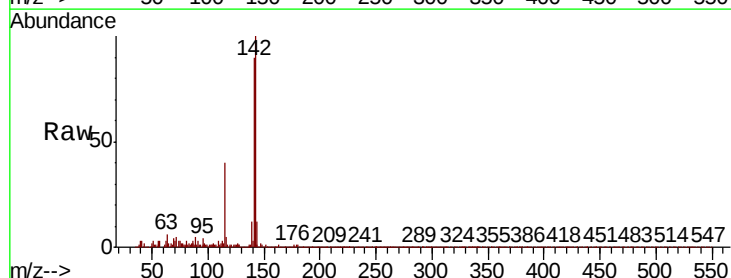
Tgt Ion:142 Resp: 3139536

Ion Ratio Lower Upper

142 100

141 90.1 73.9 110.9

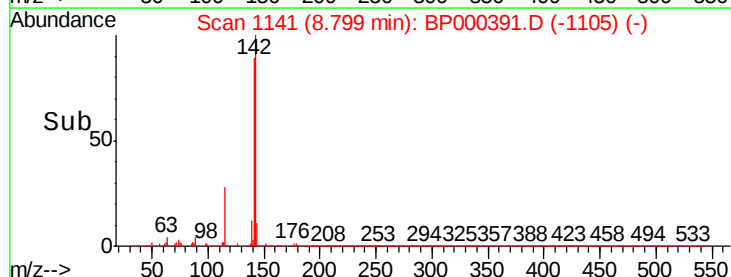
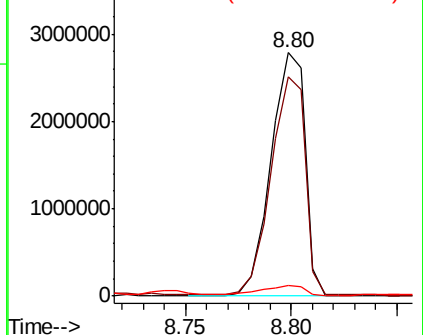
116 4.5 3.0 4.6

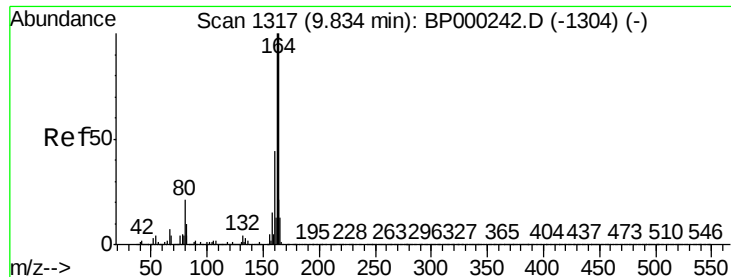


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampleId :

SB-1

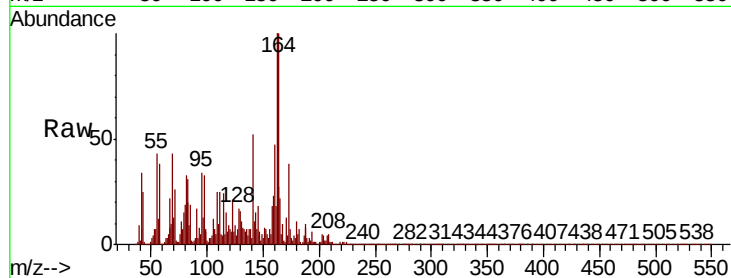
Tot Ion:164 Resp: 387804

Ion Ratio Lower Upper

164 100

162 100.4 79.9 119.9

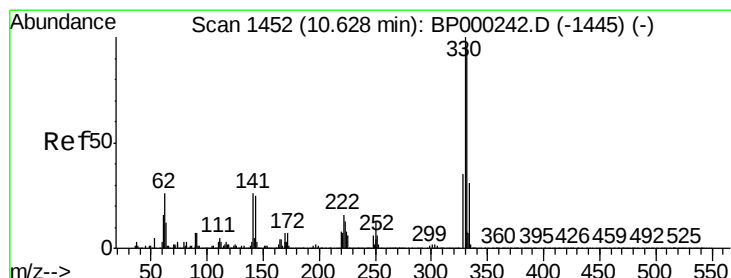
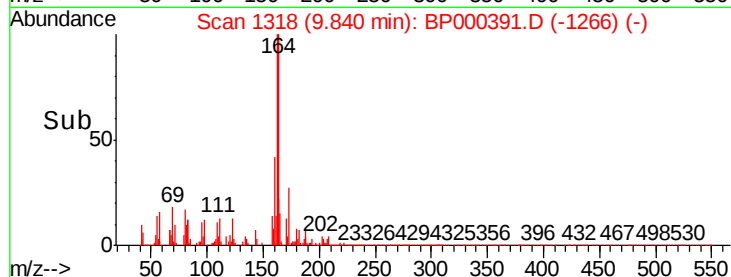
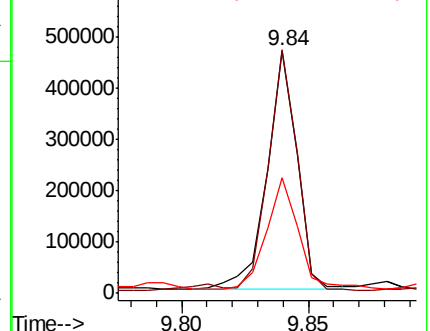
160 47.6 35.6 53.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 118.384 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

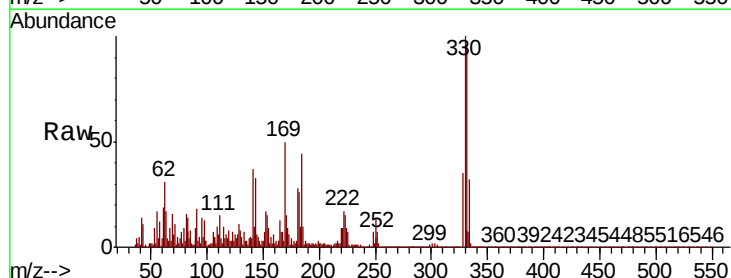
Tgt Ion:330 Resp: 455362

Ion Ratio Lower Upper

330 100

332 97.0 76.6 115.0

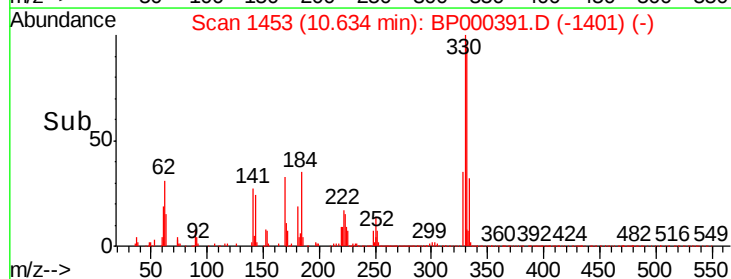
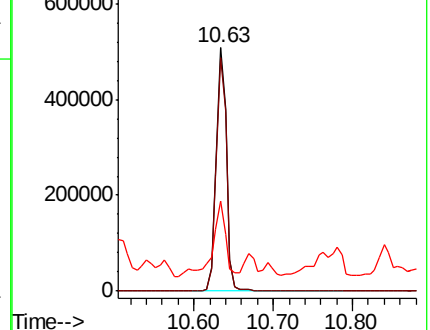
141 38.9 26.5 39.7

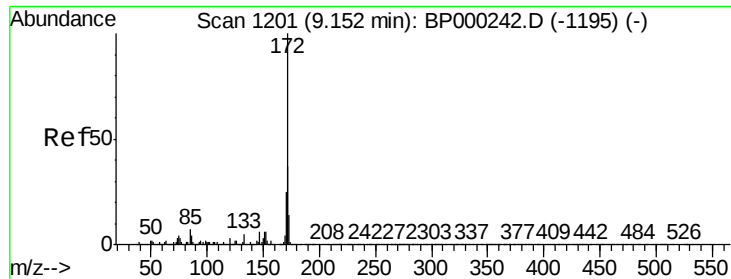


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

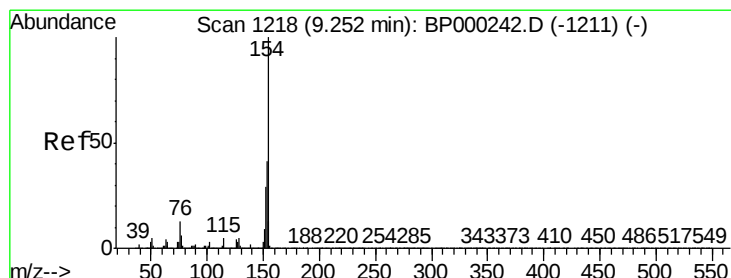
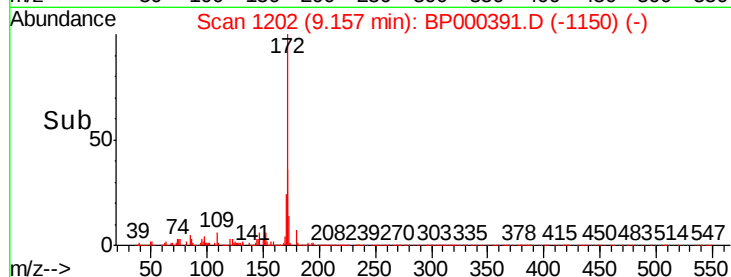
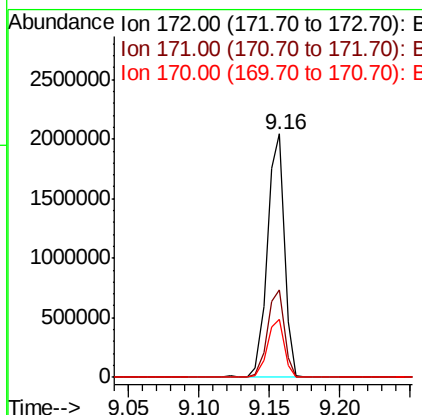
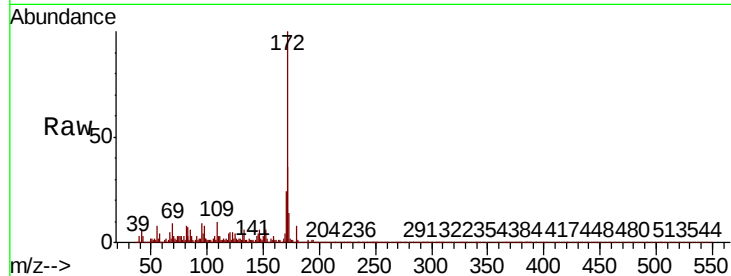




#45
2-Fluorobiphenyl
Concen: 81.781 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

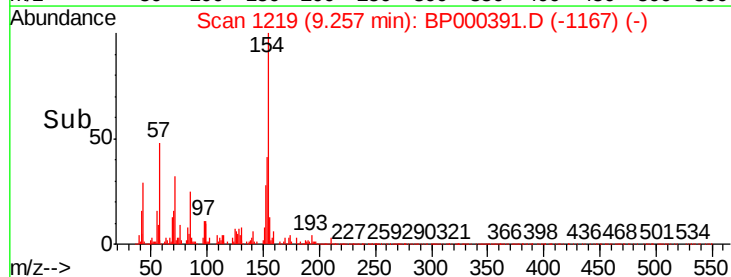
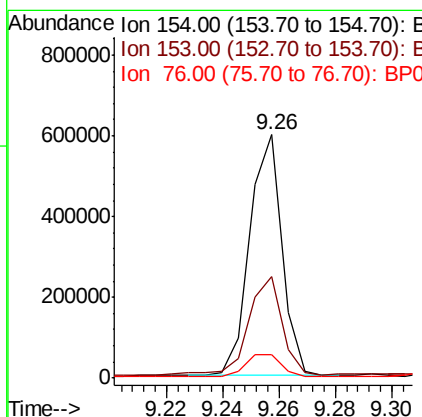
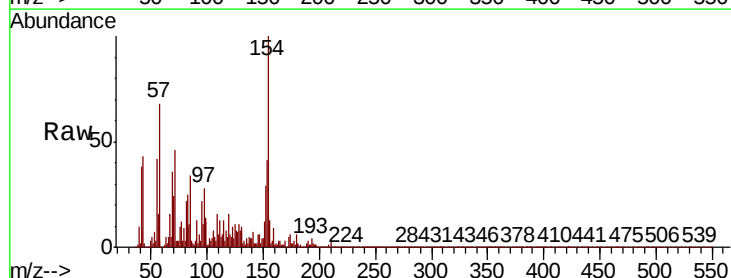
Instrument :
BNA_P
ClientSampled :
SB-1

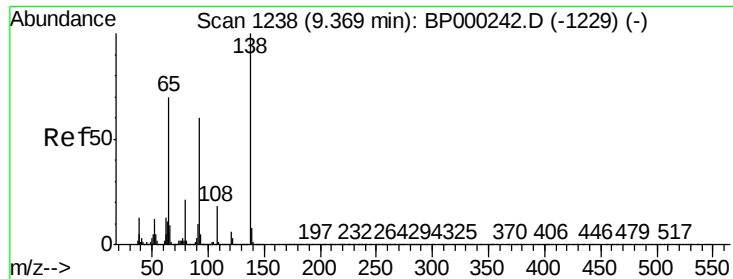
Tot Ion:172 Resp: 1762136
Ion Ratio Lower Upper
172 100
171 36.1 29.8 44.6
170 24.1 19.8 29.6



#46
1,1'-Biphenyl
Concen: 17.640 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion:154 Resp: 473228
Ion Ratio Lower Upper
154 100
153 41.4 21.4 61.4
76 9.8 0.0 33.4

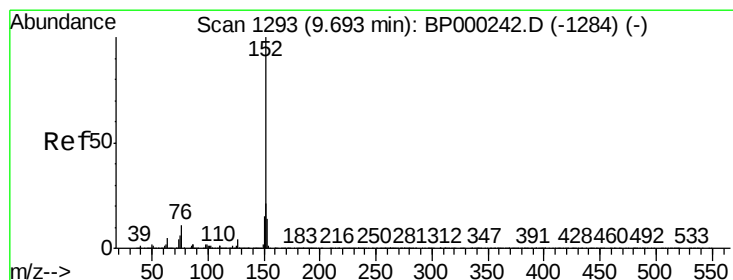
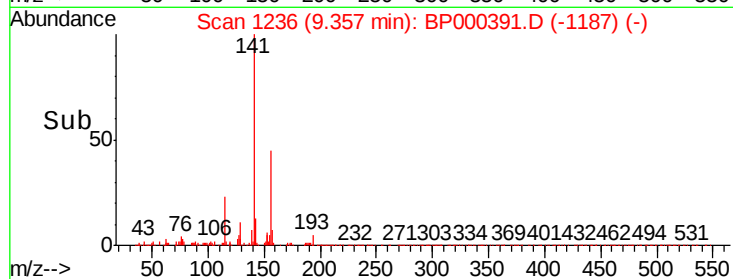
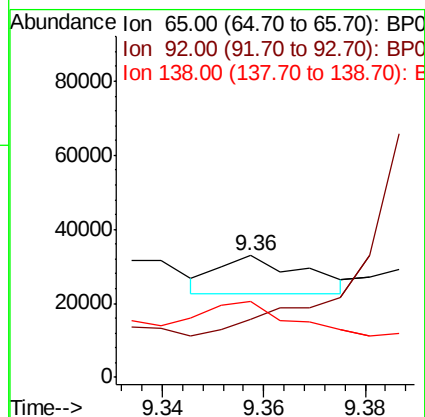
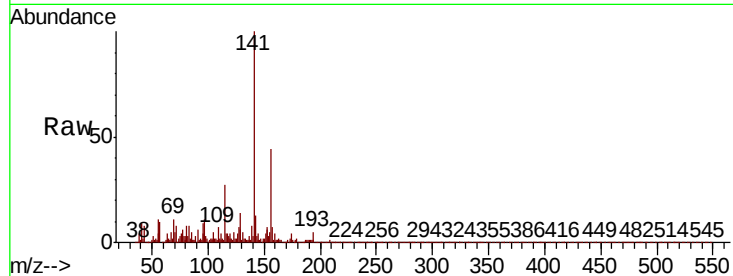




#48
2-Nitroaniline
Concen: 2.095 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

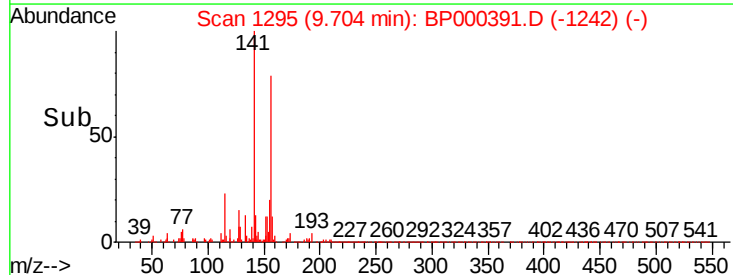
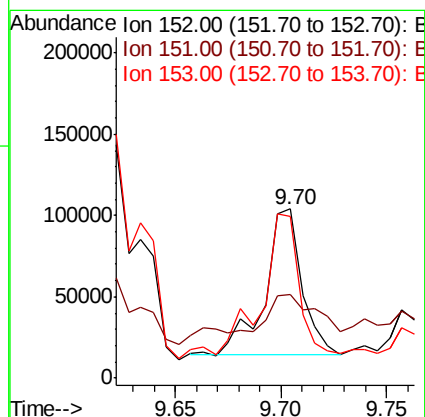
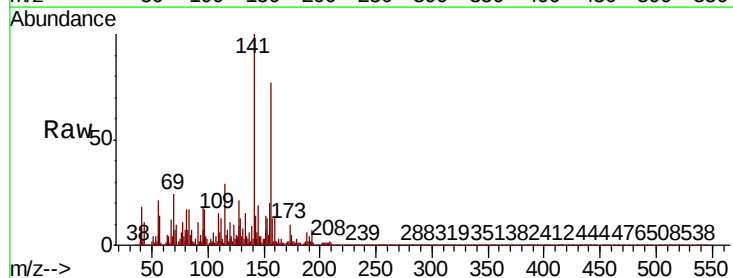
Instrument :
BNA_P
ClientSampled :
SB-1

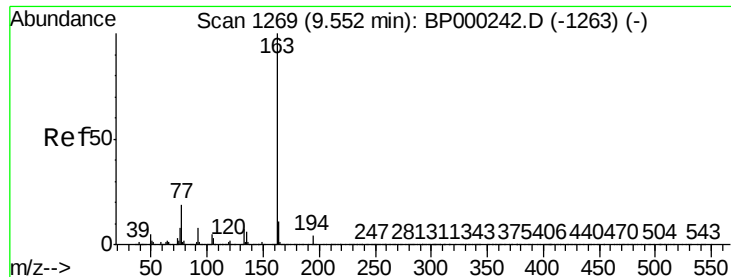
Tot Ion: 65 Resp: 11971
Ion Ratio Lower Upper
65 100
92 48.2 68.7 103.1#
138 62.9 114.4 171.6#



#49
Acenaphthylene
Concen: 3.243 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion: 152 Resp: 109714
Ion Ratio Lower Upper
152 100
151 49.3 16.4 24.6#
153 95.5 11.0 16.4#





#50

Dimethylphthalate

Concen: 9.545 ng

RT: 9.55 min Scan# 1269

Delta R.T. -0.00 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampleId :

SB-1

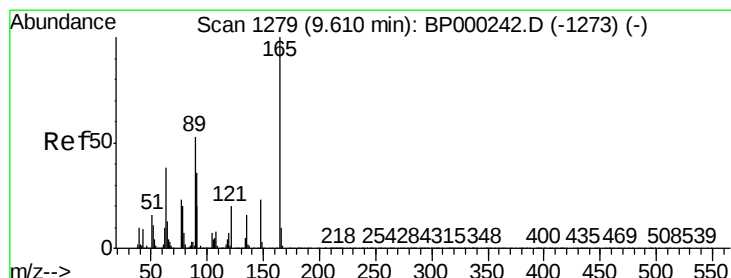
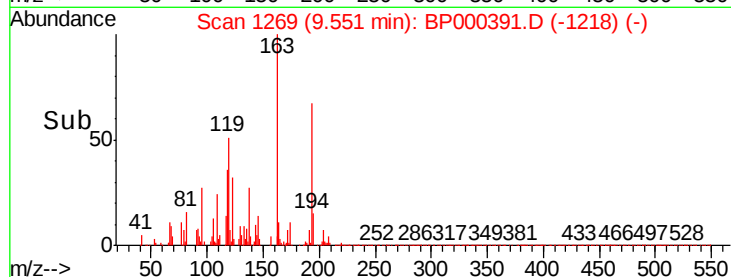
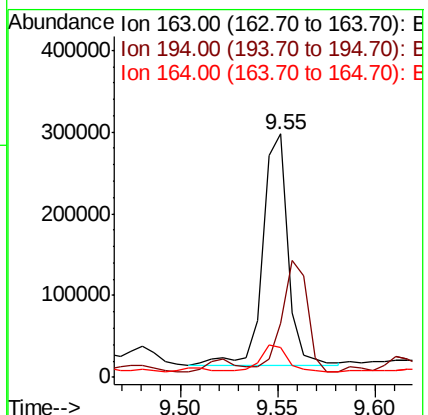
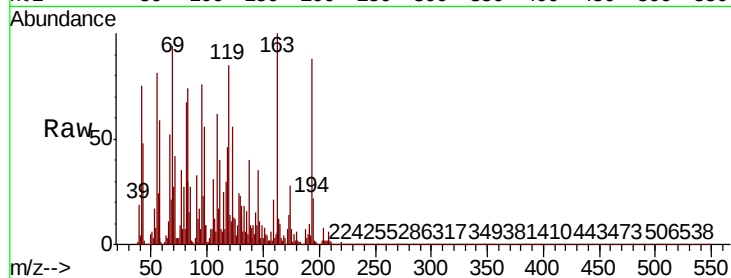
Tot Ion:163 Resp: 252201

Ion Ratio Lower Upper

163 100

194 22.0 3.4 5.0#

164 12.3 8.5 12.7



#51

2,6-Dinitrotoluene

Concen: 3.403 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

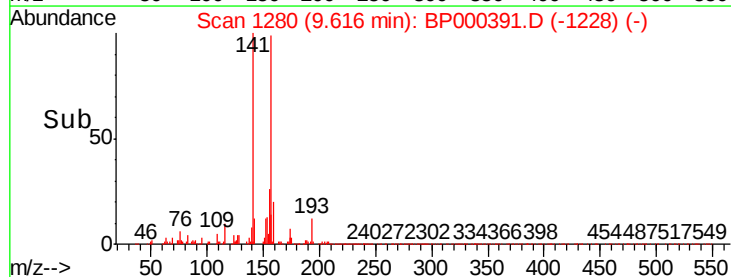
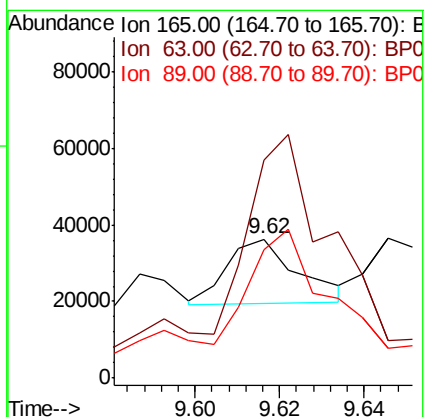
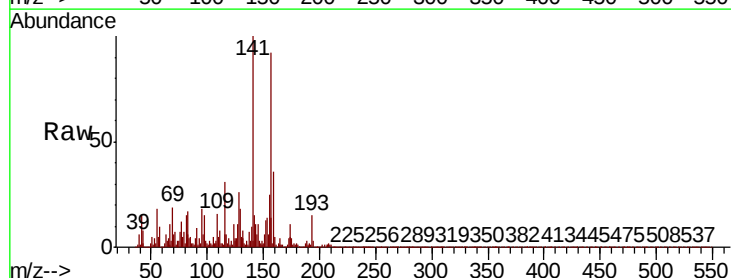
Tgt Ion:165 Resp: 19771

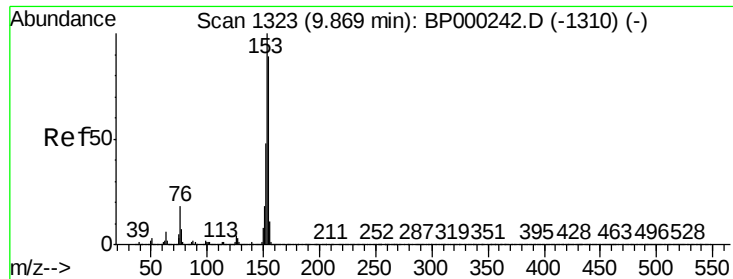
Ion Ratio Lower Upper

165 100

63 156.8 35.8 53.8#

89 92.0 42.6 63.8#





#52

Acenaphthene

Concen: 8.613 ng

RT: 9.87 min Scan# 1324

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampleId :

SB-1

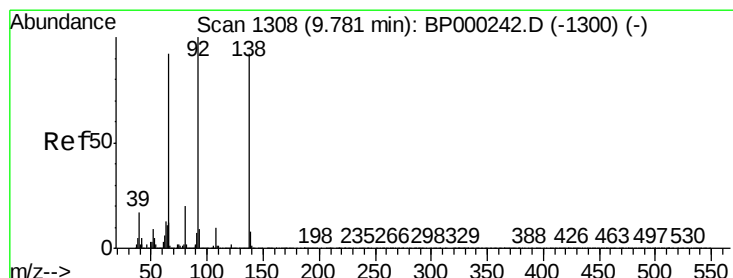
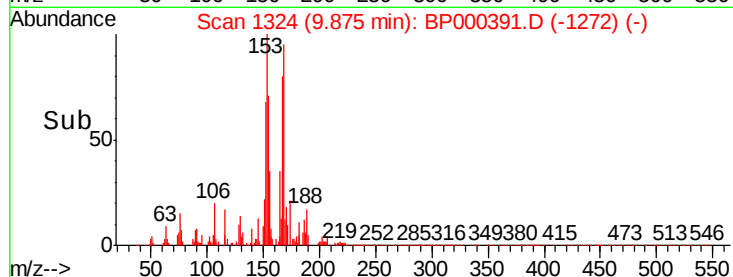
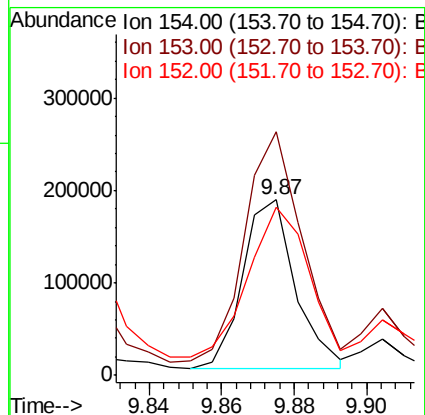
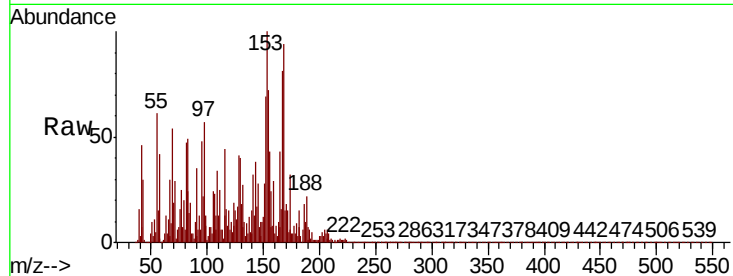
Tot Ion:154 Resp: 183857

Ion Ratio Lower Upper

154 100

153 138.7 89.8 134.6#

152 95.9 43.4 65.0#



#53

3-Nitroaniline

Concen: 4.261 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.02 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

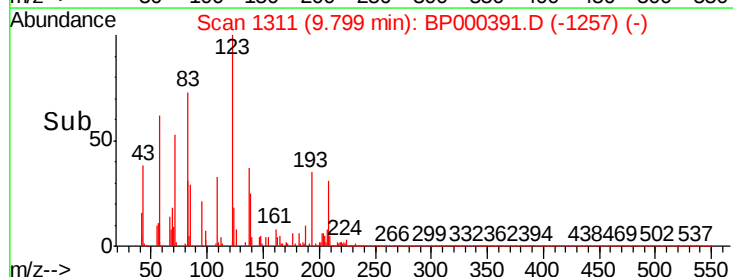
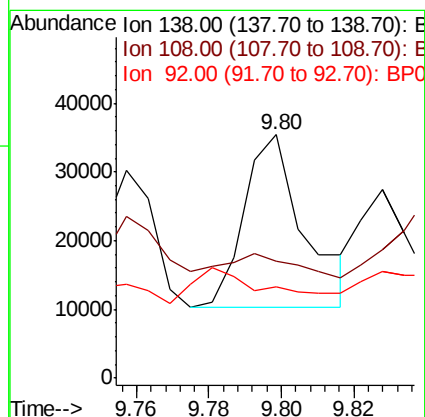
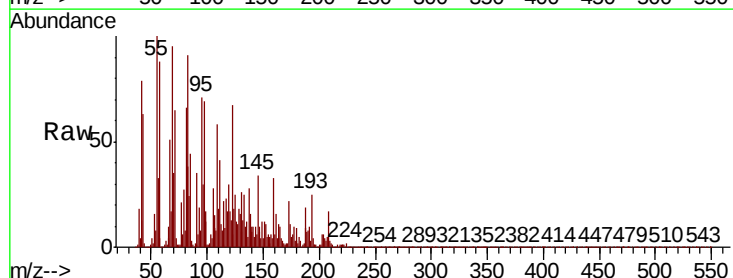
Tgt Ion:138 Resp: 28733

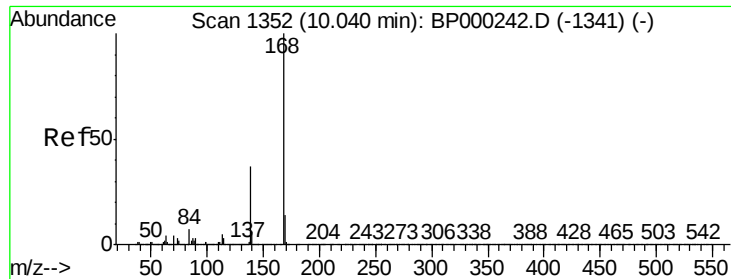
Ion Ratio Lower Upper

138 100

108 48.1 9.1 13.7#

92 37.7 86.7 130.1#





#55

Dibenzofuran

Concen: 6.286 ng

RT: 10.05 min Scan# 1353

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampleId :

SB-1

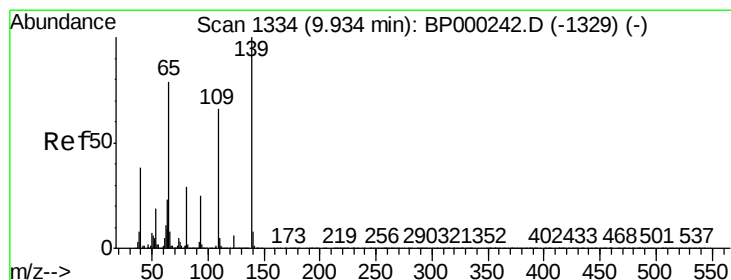
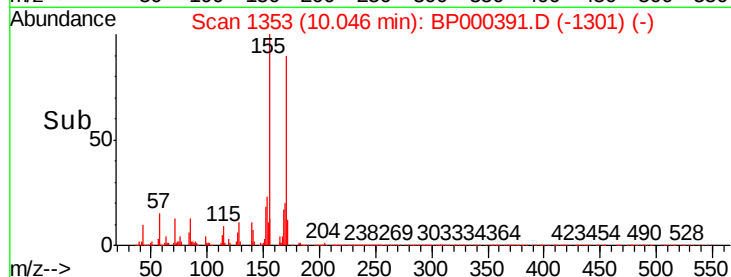
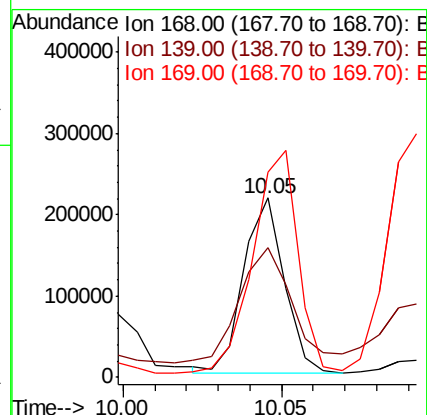
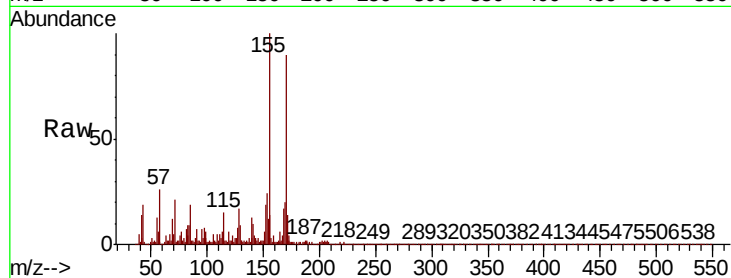
Tot Ion:168 Resp: 189704

Ion Ratio Lower Upper

168 100

139 72.1 30.0 45.0#

169 114.4 11.0 16.6#



#56

4-Nitrophenol

Concen: 28.033 ng

RT: 9.95 min Scan# 1337

Delta R.T. 0.02 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

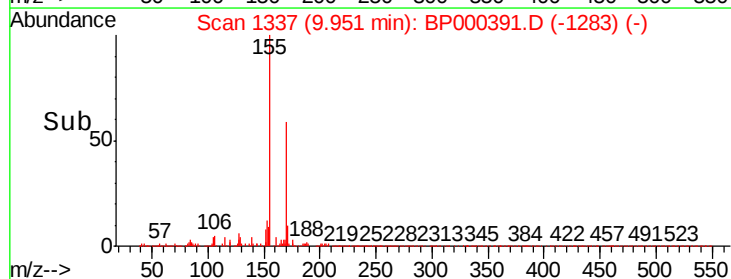
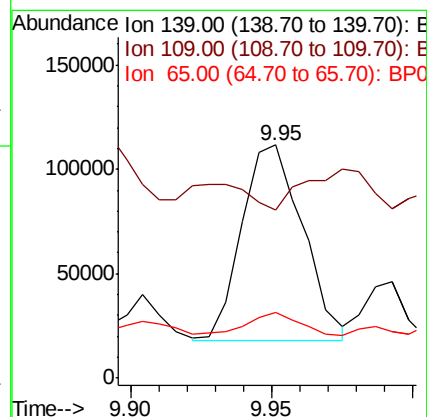
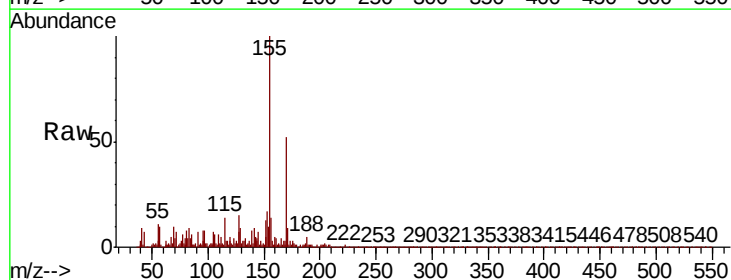
Tgt Ion:139 Resp: 140601

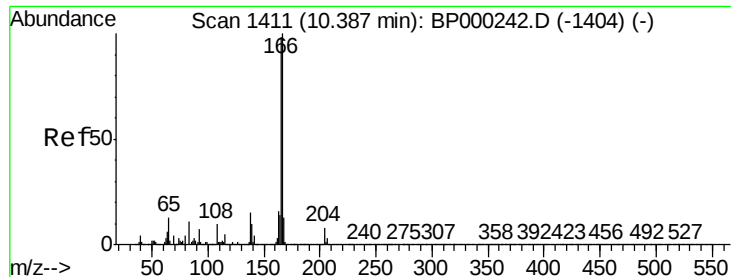
Ion Ratio Lower Upper

139 100

109 72.1 46.2 86.2

65 28.0 59.4 99.4#





#58

Fluorene

Concen: 18.996 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampleId :

SB-1

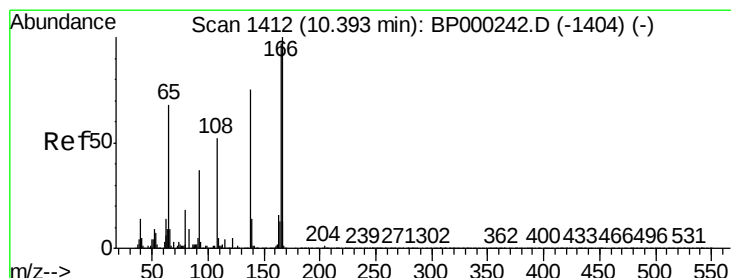
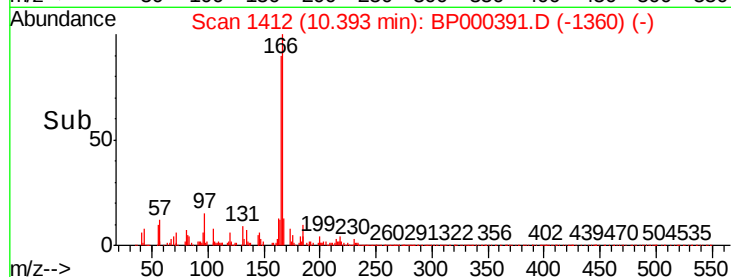
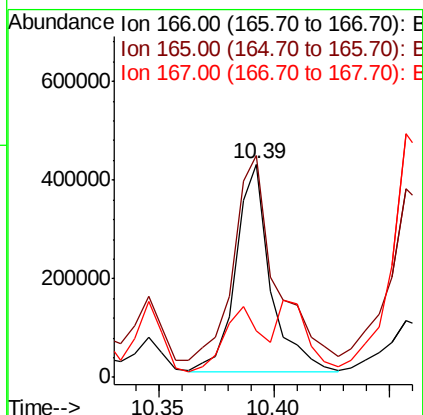
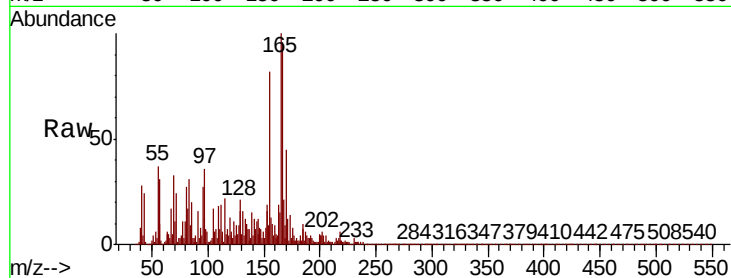
Tot Ion:166 Resp: 442780

Ion Ratio Lower Upper

166 100

165 104.2 78.2 117.2

167 22.0 10.7 16.1#



#62

4-Nitroaniline

Concen: 2.432 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.14 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

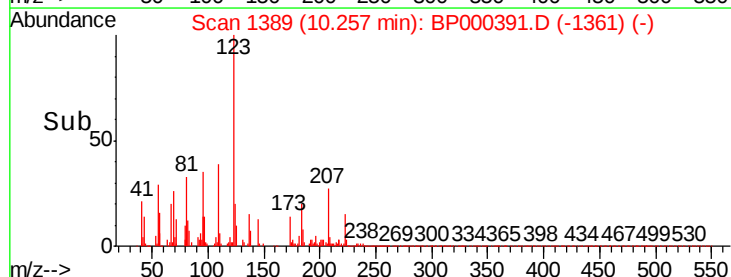
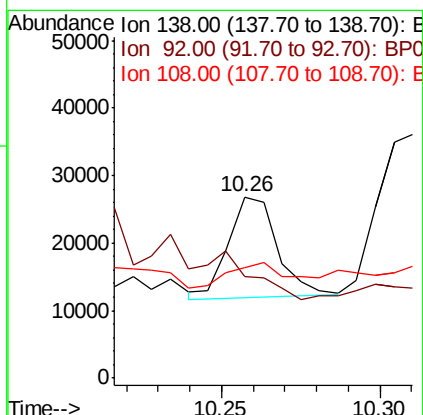
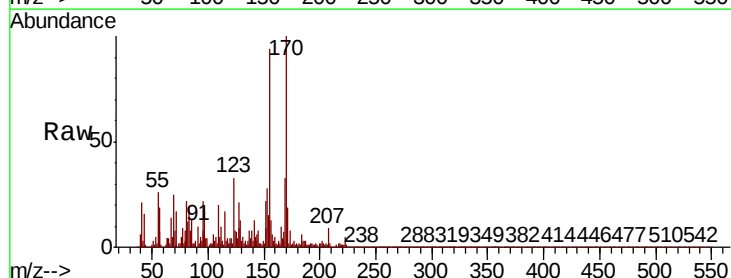
Tgt Ion:138 Resp: 16133

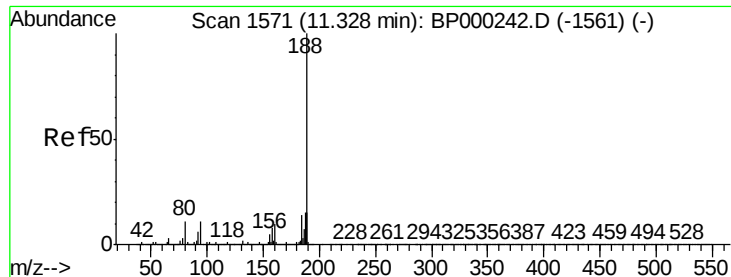
Ion Ratio Lower Upper

138 100

92 55.9 30.1 70.1

108 61.1 49.5 89.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampleId :

SB-1

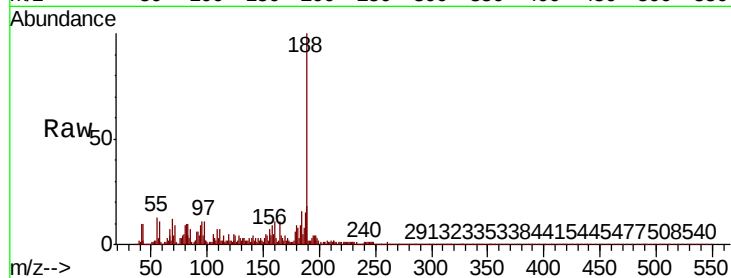
Tot Ion:188 Resp: 577980

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

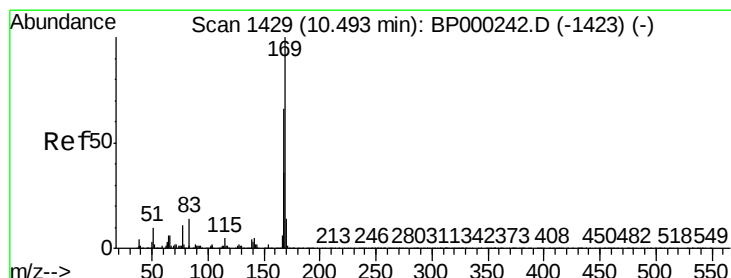
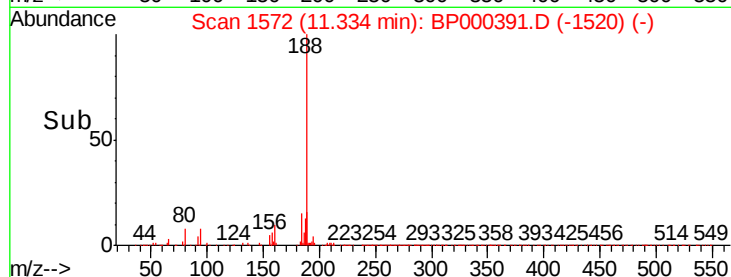
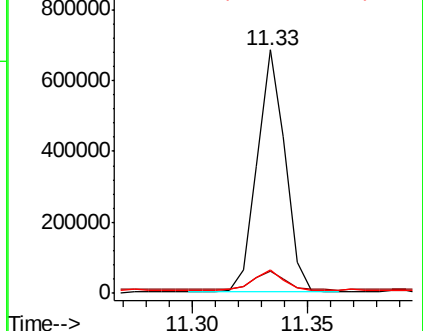
80 9.4 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#66

n-Nitrosodiphenylamine

Concen: 27.407 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

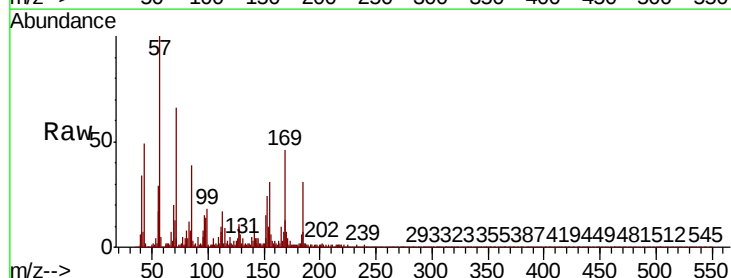
Tgt Ion:169 Resp: 476867

Ion Ratio Lower Upper

169 100

168 27.8 52.9 79.3#

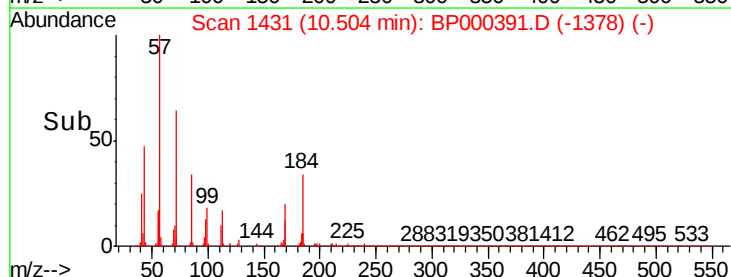
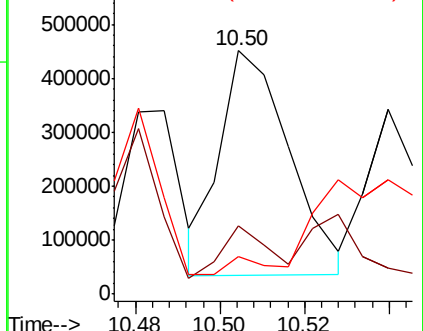
167 15.2 29.0 43.6#

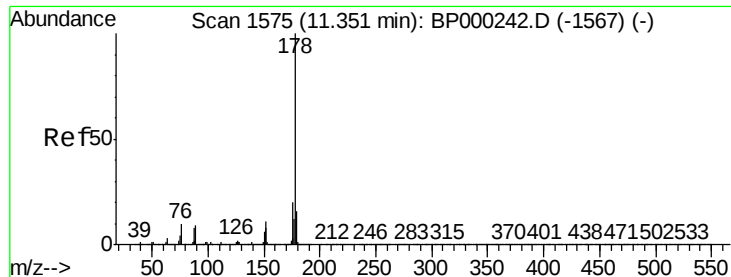


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

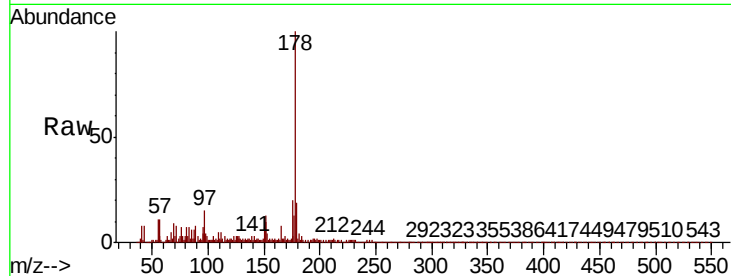




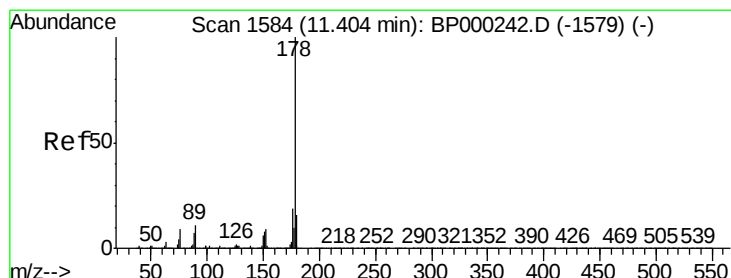
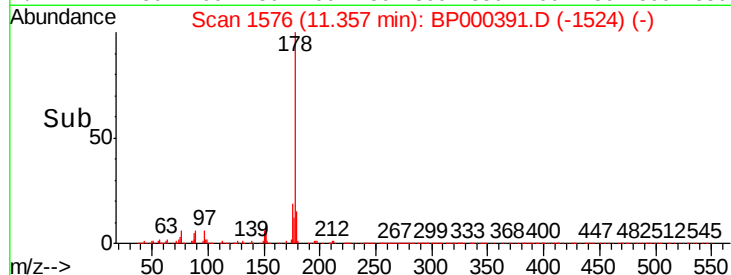
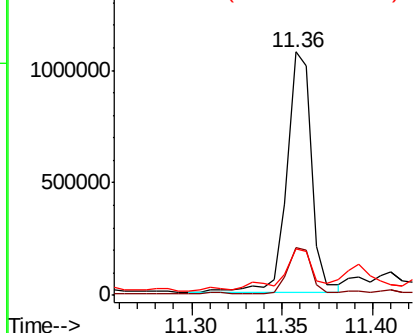
#71
Phenanthrene
Concen: 35.531 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampled :
SB-1

Tot Ion:178 Resp: 1029111
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.8
179 19.1 12.7 19.1#

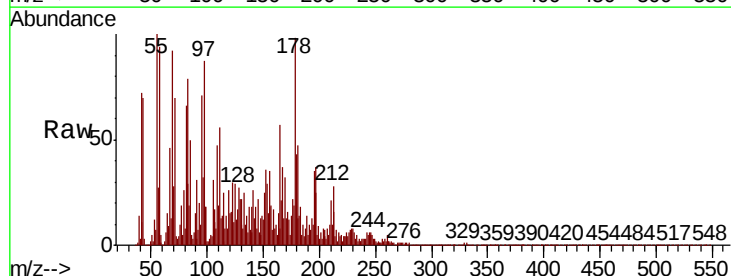


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

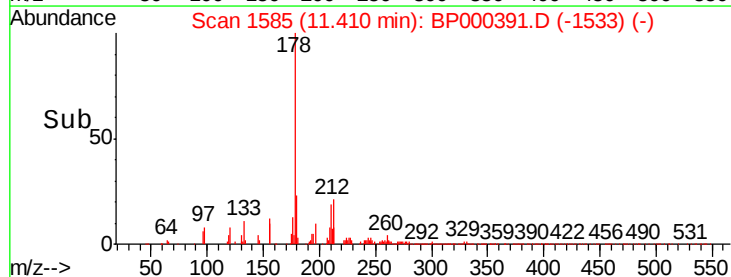
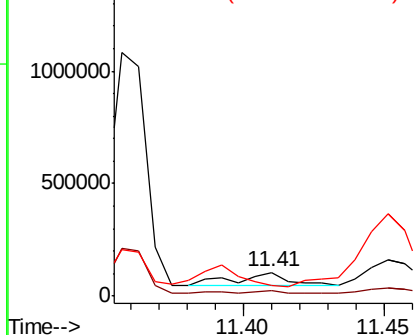


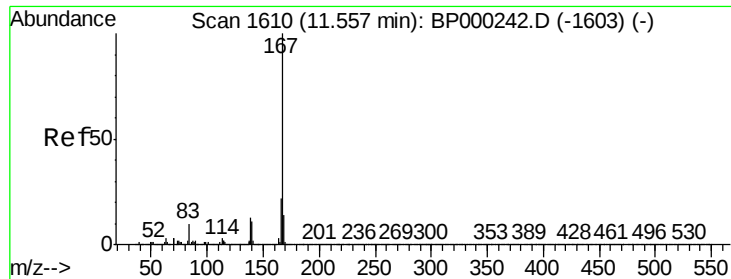
#72
Anthracene
Concen: 2.570 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion:178 Resp: 76619
Ion Ratio Lower Upper
178 100
176 22.1 15.4 23.0
179 43.9 12.7 19.1#



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

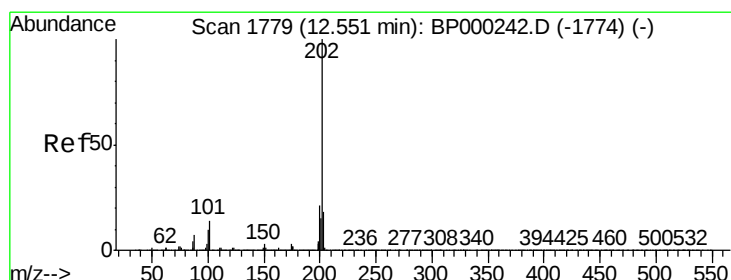
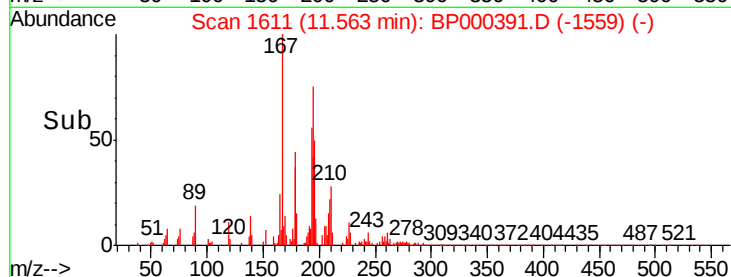
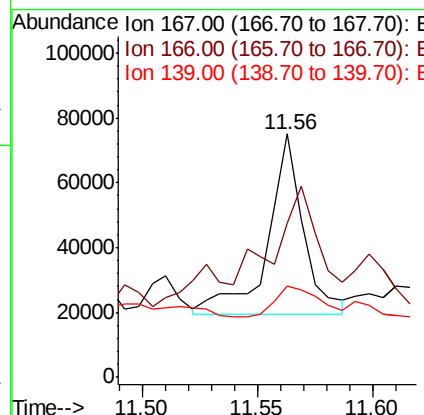
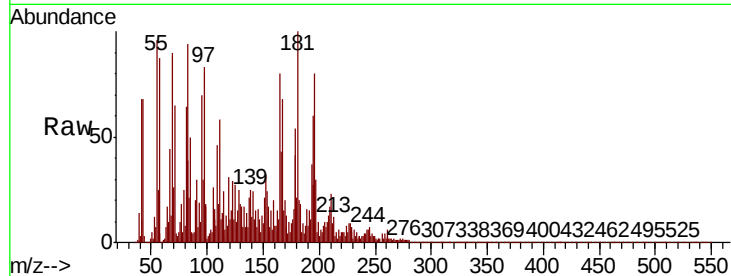




#73
 Carbazole
 Concen: 2.208 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. 0.01 min
 Lab File: BP000391.D
 Acq: 24 Sep 2019 18:12

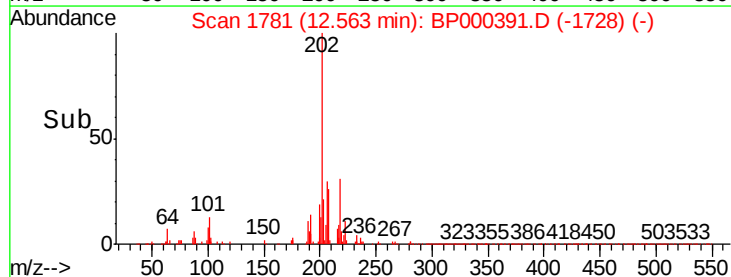
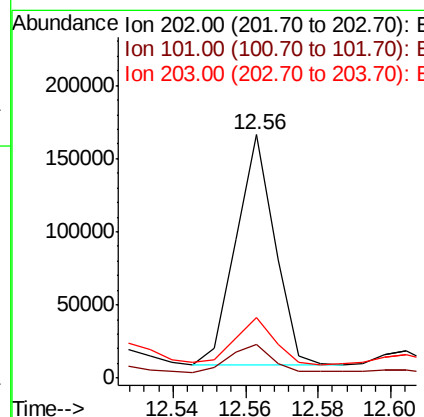
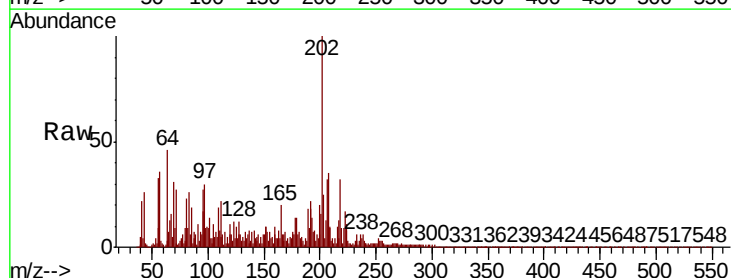
Instrument :
 BNA_P
 ClientSampleId :
 SB-1

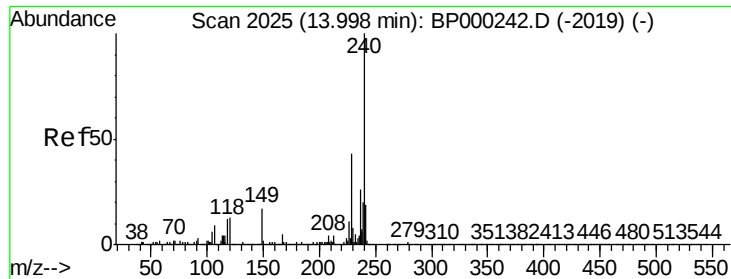
Tot Ion:167 Resp: 59277
 Ion Ratio Lower Upper
 167 100
 166 63.4 17.8 26.8#
 139 37.7 10.8 16.2#



#75
 Fluoranthene
 Concen: 3.777 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. 0.01 min
 Lab File: BP000391.D
 Acq: 24 Sep 2019 18:12

Tgt Ion:202 Resp: 117482
 Ion Ratio Lower Upper
 202 100
 101 14.0 0.0 33.9
 203 25.0 0.0 38.0

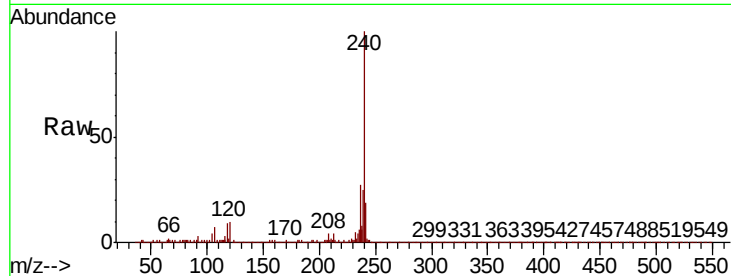




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampled :
SB-1

Tot Ion	Ratio	Lower	Upper
240	100		
120	9.9	10.4	15.6#
236	26.5	21.0	31.6

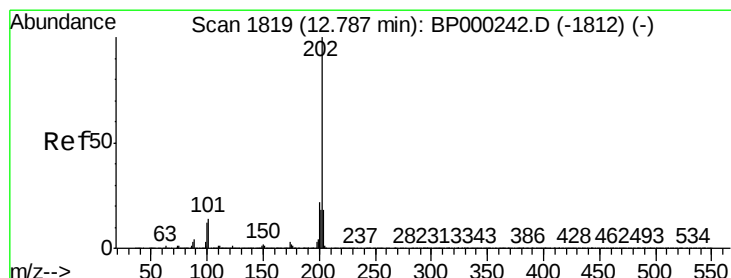
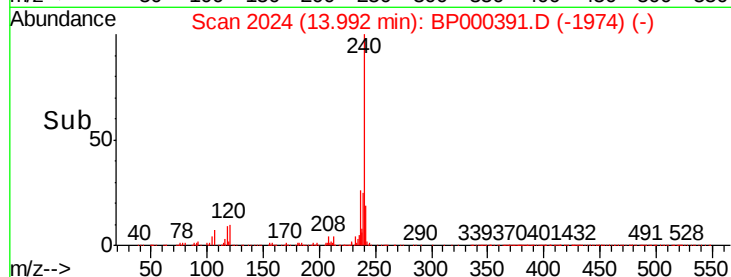
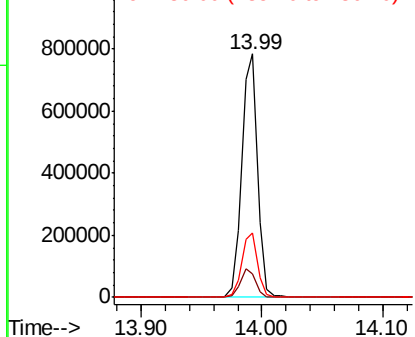


Abundance

Ion 240.00 (239.70 to 240.70): E

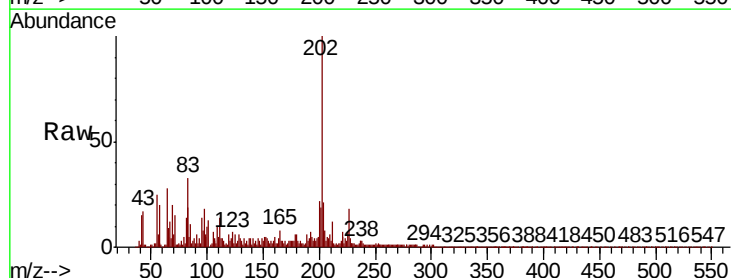
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78
Pyrene
Concen: 4.214 ng
RT: 12.79 min Scan# 1819
Delta R.T. -0.00 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	21.2	14.3	21.5

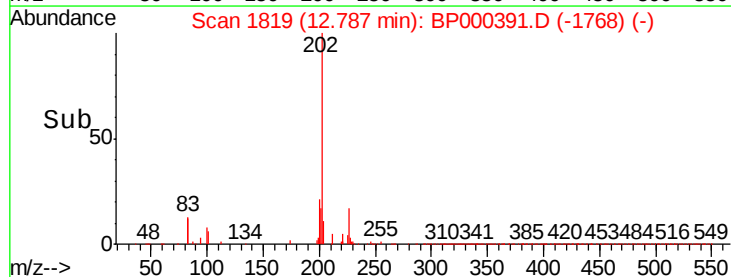
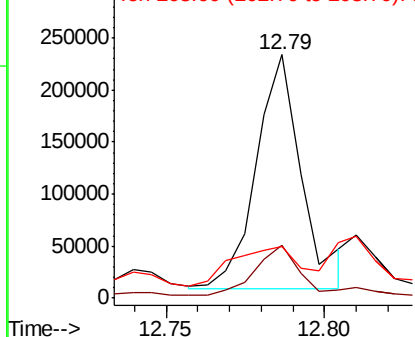


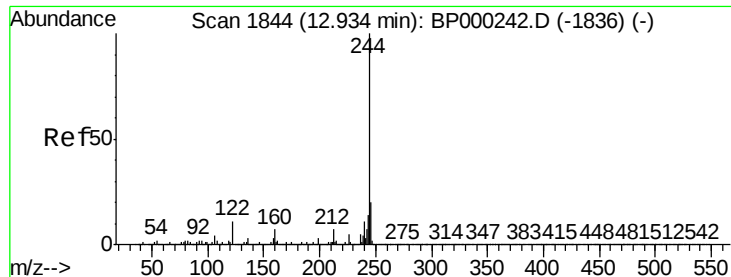
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 59.917 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.00 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

Instrument :

BNA_P

ClientSampleId :

SB-1

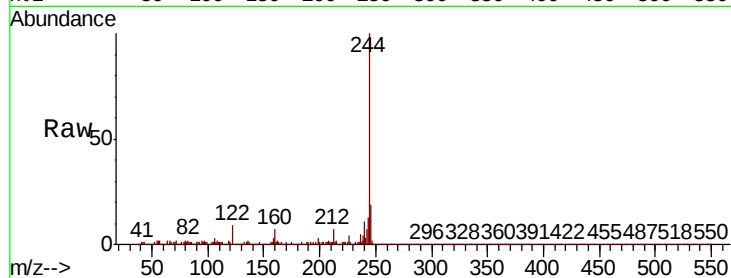
Tot Ion:244 Resp: 2027843

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

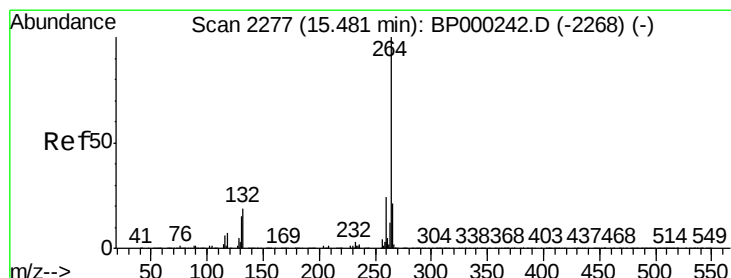
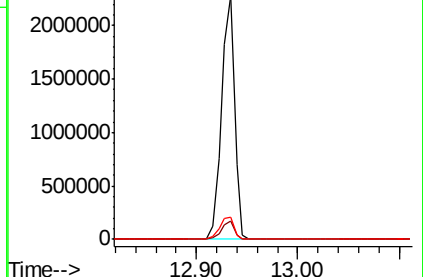
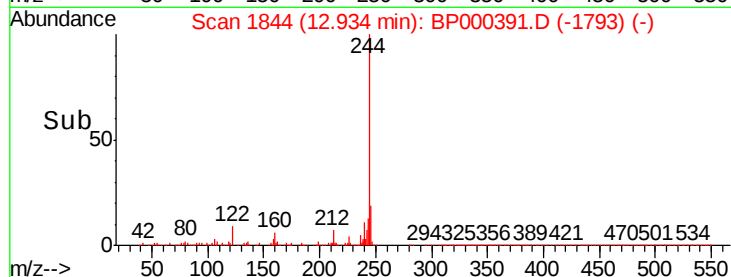
122 8.9 9.0 13.4#



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BP000391.D

Acq: 24 Sep 2019 18:12

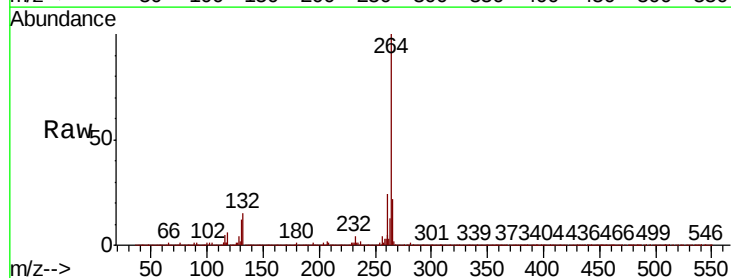
Tgt Ion:264 Resp: 753885

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

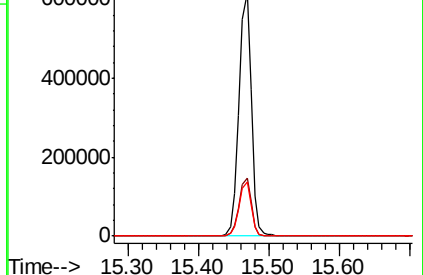
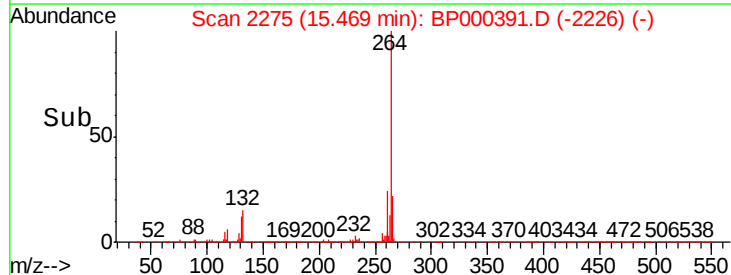
265 22.2 17.2 25.8

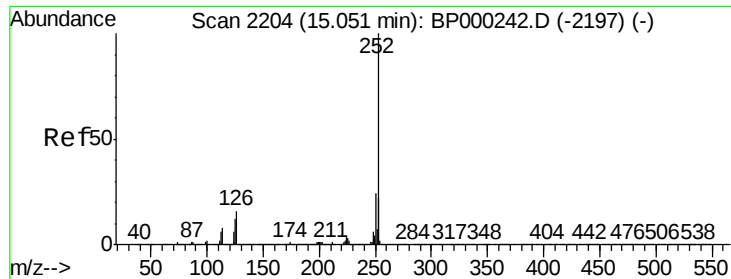


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

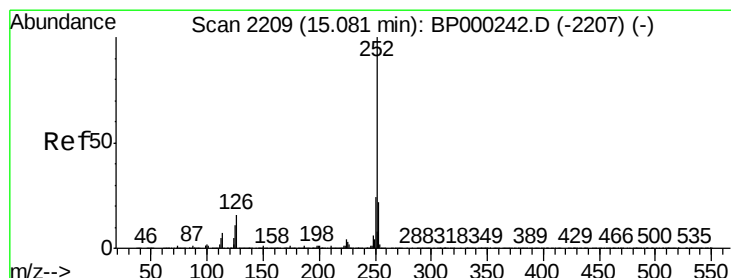
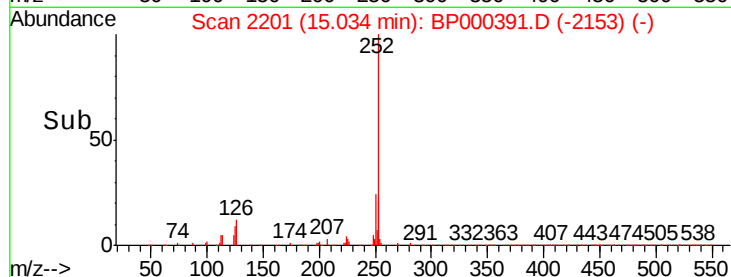
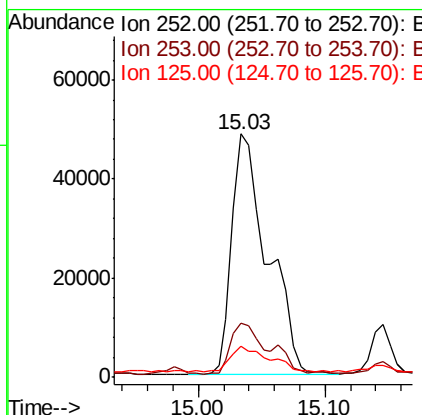
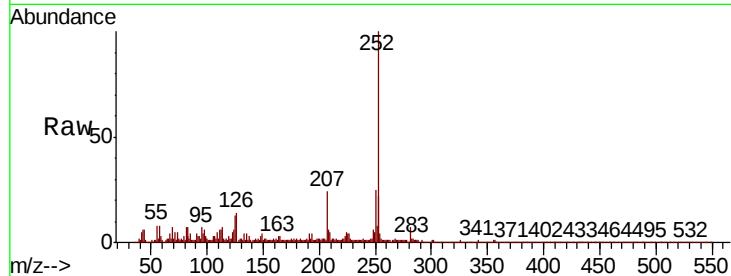




#88
Benzo(b)fluoranthene
Concen: 2.119 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Instrument :
BNA_P
ClientSampleId :
SB-1

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	12.7	9.5	14.3



#89
Benzo(k)fluoranthene
Concen: 2.429 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.05 min
Lab File: BP000391.D
Acq: 24 Sep 2019 18:12

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.7	9.6	14.4

